Temporarily abandone of 6-30-67

HLE NOTATIONS		Darth
Entered in NID File	Checked by Chief	0110
Entered On S R Sheet	Copy NID to Field Office	
Location Map Pinned	Approval Letter	
Card Indexed	Disapproval Letter	
J W R for State or Fee Land		* **
COMPLETION DATA:		×
Date Well Completed 3-12-123	Location Inspected	
OW	Bond released State of Fee Land	
roes i	FILED	
Driller's Log_(2-24-(2-3) Electric Logs (No.)		_
E L E-1,	GR GR-N	Micro

Form 9-881 a (Feb. 1951) Copy H. L. C.

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office Salt Lake

Lease No. USA (SL 070052)

Unit Big Indian

•

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(SUBMIT IN TRIPLICATE)

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE P	LANS	1 11	IT REPORT OF WATE IT REPORT OF SHOO		·
NOTICE OF INTENTION TO TEST WAT		1 #	T REPORT OF ALTE		10
NOTICE OF INTENTION TO RE-DRILL		1 11	T REPORT OF RE-DE		IR.
NOTICE OF INTENTION TO SHOOT OF	R ACIDIZE	1 11	T REPORT OF ABANI		
NOTICE OF INTENTION TO PULL OR	ALTER CASING	1 II .	TARY WELL HISTOR		
NOTICE OF INTENTION TO ABANDON	WELL	ļ		: 	
(INDICA	TE ABOVE BY CHECK MAR	K NATURE OF REPO	RT, NOTICE, OR OTHE	ER DATA)	
		Oet	ober 8,		
Mg Indian Unit Well No 3 is locat	ted _ 2300 _ ft. from	$m_{-1} \left\{ \begin{array}{c} S \\ S \end{array} \right\}$ line an	id 2300 ft. fr	$\operatorname{rom} \left\{ egin{array}{c} W \end{array} \right\} \operatorname{line}$	of sec
(1/2 Sec. 10 (1/2 Sec. and Sec. No.)	308 (Twp.)	(Range)	Salt L	ske_	
Nig Indian	Sen 1	heam	\ ,	Heak	
(Field)	(County	or Subdivision)		(State or Territo	ry)
The elevation of the standard (State names of and expected depths to Proposed Casing Programmes 35 * ~ 16" OD Conduction	DETA objective sands; show sing points, and all	ILS OF WOI zes, weights, and le	RK ngths of proposed co		
The elevation of the pleasing (State names of and expected depths to Proposed Casing Program 35' - 16" OD Conduct 500' - 10-3/h" OD Sa 5,500' - 5-1/2" OD Pr	DETA objective sands; show sing points, and all the (Communication	ILS OF WOI zes, weights, and le other important pr to surface d to surface (Gamentee	RK ngths of proposed co oposed work)	asings; indicate n	nudding jobs, (
The elevation of the minimum. (State names of and expected depths to Proposed Casing Program 35' - 16" OD Conduct 500' - 10-3/h" OD Sa 5,500' - 5-1/2" OD Proposed Casing Pay - Hermos Setimated Total Depths It is anticipated the	DETA objective sands; show sing points, and all ms tor (Comented rface (Gemented oduction Strin 6,500) at 500° of 10-	ILS OF WOI zes, weights, and le other important pr to surface) d to surface (Generated condition 3/h* OD Sur	RK ngths of proposed or oposed work) oe) i with suffine enounter	asings; indicate n Loient cem red)	nudding jobs, o
The elevation of the president of the president of the president of the president of the proposed Gasing Program 35' - 16" OD Conduct 500' - 10-3/h" OD Sa 5,500' - 5-1/2" OD From Section 10 Total Depth:	DETA objective sands; show sing points, and all ing points, and al	ILS OF WOI zes, weights, and le other important pr to surface; d to surface; d to surface g (Gamented condition 3/4" On Sur drilled to ming surface 3/4" hole to	RK ngths of proposed or oposed work) oe) i with suffine encounter face casing approximates on casing- rill be ress	idient cem red) g will be ely 500° a If 500° o	and to some sufficient then
The elevation of the minimum (State names of and expected depths to Proposed Casing Progra 35' - 16" OD Conduct 500' - 10-3/h" OD Sat 5,500' - 5-1/2" OD From Setimated Total Depth 1 is anticipated the rise of this a 13-3/h" rat hole drilled to 11 should not be sufficient	DETA objective sands; show sing points, and all inter (Comented rface (Comented rface (Comented reduction Strin a 6,500' at 500' of 10- hole will be 00' before run at then the 8- h selected bef	ILS OF WOI zes, weights, and le other important pr to surface; d to surface; d to surface; d (Generated condition 3/h* OD Sur drilled to ming surface; ore running	RK ngths of proposed or oposed work) oe) i with suffine encounter face casing approximate oe casing rill be ress g surface or	idient cem red) g will be aly 500' a If 500' o and to 13-	sufficiend then
The elevation of the minimum (State names of and expected depths to Proposed Casing Progra 35' - 16" OD Conduct 500' - 10-3/h" OD Satisfied From Setimated Total Depths It is anticipated the rat hole drilled to 11 should not be sufficient lessor casing set depths	objective sands; show sing points, and all sing points, and all stor (Comented Prace (Comented Prace (Comented Prace) (Coment	ILS OF WOI zes, weights, and le other important pr to surface; d to surface; d to surface; d (Generated condition 3/h* OD Sur drilled to ming surface; ore running	RK ngths of proposed or oposed work) oe) i with suffine encounter face casing approximate oe casing rill be ress g surface or	idient cem red) g will be aly 500' a If 500' o and to 13-	sufficiend then
The elevation of the minimum. (State names of and expected depths to Proposed Casing Progra 35' - 16" OD Conduct 500' - 10-3/h" OD Satisfied to 12" OD From Setimated Total Depths It is anticipated thrisw of this a 13-3/h" rat hole drilled to 11 should not be sufficient lessor casing set depths I understand that this plan of work	DETA objective sands; show sing points, and all ing points, and al	ILS OF WOI zes, weights, and le other important pr to surface; d to surface; d to surface; d (Generated condition 3/h* OD Sur drilled to ming surface; ore running	RK ngths of proposed or oposed work) oe) i with suffine encounter face casing approximate oe casing rill be ress g surface or	idient cem red) g will be aly 500' a If 500' o and to 13-	sufficiend then
The elevation of the minimum. (State names of and expected depths to Proposed Ossing Progra 35' - 16" OD Conduct 500' - 10-3/h" OD Sat 5,500' - 5-1/2" OD From Setimated Total Depths It is anticipated the risk of this a 13-3/h" rat hole drilled to 11 should not be sufficient leaser casing set depth I understand that this plan of work Company THE PURE OX	DETA objective sands; show sing points, and all ing points, and al	ILS OF WOI zes, weights, and le other important pr to surface; d to surface; d to surface; d (Generated condition 3/h* OD Sur drilled to ming surface; ore running	RK ngths of proposed or oposed work) oe) i with suffine encounter face casing approximate oe casing rill be ress g surface or	idient cem red) g will be aly 500' a If 500' o and to 13-	sufficiend then

THE PURE OIL COMPANY

Date October 4, 1962		w- w -u	LOCAT	ION REF	ORT	RT A.F.E. No. 4614			
Division Norther	rn Prod	ucina	Prospe	ct Big India	an Unit				
24,345.66 T			Distric	Moab Dist			Lease U.S.A. (S		
			7		Ung. (r.	Big India	n Unit	
Acres1600	Lease ـــــــــــــــــــــــــــــــــــ	No931	L		Elevation_	6723	Well No 3	Serial No.	And the state of t
. ME C	23.7		٦.	200	٥٢٦	Blk. Dist			
Quadrangle 1VC	<u> </u>	· · · · · · · · · · · · · · · · · · ·	SecLU	Twp300	Rge. 251	Twp)		
Survey Salt La	ake Mer	idian		County San	Juan	Markette - Markette	StateUtal	<u>n</u>	
Operator The Pt	ure Oil	Company			Map	Utah	1-/4		
2300 Feet 1	<u>Vorth</u>	of the Sou	th line	Section	* •			FCTND	
2300 Feet I	East	of the Mes	tline (Section				EGEND	
				of			. 1	Location -/	
Feet		_of the	line o	of			- Gas Well	Ø	Abandoned Location
	t.						Oil Well		Abandoned Gas Well
							Gas—Distillate V	Well 🗭 or 👅	Abandoned Oil Well
						Ø	or -O- Dry Hole	or 🔘	Input Well
									A1
									Ŋ
		4			3		2		1
							PUBCO		
				•					r
			1	~			ML 5577		+
			İ				STATE		1
					1	j	STATE		
		PU	всо	PURI	E OIL				
			ļ						A
						- 1			
						1	İ		
		•					i		
,		9		2300'3	,10		t I		Y
		0.06	780-A	Y	\$L 070052		İ		•
				_					
			İ	2300					
		U.	S.A.	2	U.S.A.				
		Į PUR	EOIL	PUBC	0	İ	PURE OIL		
		ML 3	536	U 012	450	SL	. 070050		,
		Ī							
		STA	TE	U.S.	Α.	1	J. S. A.		
		l' 6	·	[1	5 7		14		
	U	nit Cutline	/ r	•	•		• • • • • • • • • • • • • • • • • • •		

Remarks: The Pure Oil Company, Operator 63,82%	Scale 2" = I MILE
Pubco Petroleum Corporation 31.18%	
Submitted by Submitted by Civil Engineer	Approved by Division Manager
	Approved by

October 8, 1962

The Superior Oil Company P. O. Box 600 Denver 1, Colorado

Attention: Mr. Ralph H. Wilpolt

Dear Mr. Wilpolt:

Attached please find Notice of Intent to Drill along with plat showing location of our Big Indian Unit Well Ho. 3, located 2300' FSL and 2300' FWL of Section 10, T. 30S., R. 25E., SIM, San Juan County, Utah.

We are not sure, however, it appears that Superior's Federal Potash Lease No. U-028083 and State Potash Lease No. M.L. 17140 possibly lies within one-half mile radius of the above mentioned drilling location. Therefore, we furnish this notice in compliance with Rule C-23, Section I, of "Changes to the General Rules and Regulations Adopted by the Utah State Oil and Gas Conservation Commission on June 4, 1962."

Yours very truly,

THE PURE OIL COMPANY

W. W. Weir

cc: UOGCC

Durango Exploration

qm:WWW

THE SUPERIOR OIL COMPANY

P. O. BOX 600 DENVER 1. COLORADO

October 11, 1962

Mr. W. W. Weir The Pure Oil Company P.O. Box 265 Moab, Utah

Dear Mr. Weir:

Thank you for your letter of October 8, 1962 in which you called our attention to your Big Indian Unit Well No. 3 to be drilled 2300'FSL and 2300'FWL, Section 10, T.30S, R.25E, SLM, San Juan County, Utah.

You are correct in that said well is located slightly less than one-half mile from Superior's potash lease No. U-028083 and State potash lease No. ML-17140. I note also that your location lies outside the area classified by the USGS as containing known potash deposits.

Your location is in the downthrown block resulting from the Lisbon Valley faulting, and the Paradox Salt and any included potash beds would therefore lie at considerable depths. An oil and gas operator should be cognizant of the possibility that in the drilling of an oil and/or gas well hydrocarbons could be encountered which might migrate toward the west through porous and permeable strata to an intersection with the Lisbon Valley fault zone, thence migrate up the fault zone and eventually enter strata and fractures in the upthrown block of the Lisbon Valley fault, and thus be encountered during the mining of potash.

Your courtesy in forwarding the Notice of Intent to Drill, etc., is greatly appreciated.

Very truly yours,

THE SUPERIOR OIL COMPANY
Original Signed By
Ralph H. Wilpolt

Ralph H. Wilpolt Manager, Minerals Division

RHW/jmw

cc: Mr. Cleon B. Feight

Copy H. L.C.

united states department of the interior geological survey Form expansed Form Ro. 62-R222.
Lend Office Salt Lake City
Lence Humber See Below
Units Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

est.		e gotos								cing wells) for the month
	11°2 06	drem					. Company			COMPANY
****	, 		Moal	b. Utah	gayya pingina pungam o al na o o d o s	oppe a c parostropicos qu	. Signed	LUK	Dago-	# 1-4868-000-3642-16000 mm
Pho	2 0	**************************************	253	-3581	96 * 86 C C 18 C 18 C 18 C 18 C 18 C 18 C 18		Agent's tit	,	/3 VI	e Manager
Sec. &		Range	Well No.	Daya Produced	Bbls, of Oll	-Gravity	Cu.Ft.of Gas (In Thous)	Gasoline	Water (Li	PARMARKS (If drilling, dopth; if shut down, cause; date and result of test for gasoline content of gas)
LEAS	NO.	06713	n-B							
E 33	298	21/E	1	=0=	∞0 ≔	-	-0-	6	enoK	Well shut in entire
india	No.	1		Greenjummen (Augusta et monta) de			To the state of th	A paper common a polythylaconic manacing sector of the		
LEAS	NO.	USA S	L 07	052						
W 10 India	30S		3 3 V	-0-		The Carlo		The state of the s		Location: 2300° FSL and 2300° FWL. L & S elevations: Gr 6730 KB 6741'. Spudded
				OD cs	sing at l l# Tufplu	68' KB	measurem Flocale	ent with	175 sax calcium	10-23-62. Drilled Set 16 jts. 10-3/1 50-50 Pozmix with h% chloride added per sagel and 2% calcium
		Commence of the second		chlor 1134 Comer	ide. Los with pas ted with	t circ tial r 100 sa	ulation a cturns. x regular	t 994', Lan dril cement	1008 m 1 pipe o with 25#	1070°. Drilled to men ended to 1113°. Gilsonite and 2% cal- tion. Job complete a
				3:30 to 12 lar (pomo 10-2 19° Rar ement wi	9-62. drill th 25#	Drilled pipe oper Gilsonite	to 1157 and ended	. Lost to 1206° calcium	circulation. Drilled Spotted 100 sax rechloride added per sa formation. Started
				drill	ing cemen	t at 2	00 a.m.	10-31-62	· Top o	coment at 909. Dr

Note Report on this form is required for each calendar month, regardless of the status of operations, and must be filled in duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-229 (January 1959)



Copy H.L.C.

Budget Bureau No. 42-R358.4. (Approval expires 12-31-60.

Land Office Salt Lake

Lease No. USA (SL 070052)

Unit Big Indian

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(SUBMIT IN TRIPLICATE)

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO CHANGE PLANS	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	 SUBSEQUENT REPORT OF ALTERING CASING.
	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALIER CASING	SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		October 31,	19 62
Rig Indian Unit Well No is located	2309 ft. from [S] line and	2300 ft. from W line of	sec. 10
(½ Sec. 10	308 25R (Twp.) (Range)	Salt Lake	
fildest	(Twp.) (Range)	(Meridian) Utch	7
(Field)	(County or Subdivision)	(State or Territory)	
	ar above sea level is 6730 f	t. KB 6741'	

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand	that this plan of work must receive approval in wri	ting by the Geological Survey before operations may be commenced.
Company	The Pare Oil Company	
Address	P. O. Box 1338	$\sim n n$
	Monb, Utah	By Bulling
	253-3581	Title Senior District Clerk

SUNDRY NOTICES AND REPORTS ON WELLS

Big Indian Unit No. 3 2300' FSL and 2300' FWL Sec. 10, 30S, 25E San Juan County, Utah

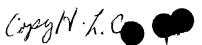
October 31, 1962

Salt Lake
USA (SL 070052)
Rig Indian
Supplementary Well History

Spudded 10-23-62. Drilled 8-3/4" hole to 900', reamed to 13-3/4" to 500'. Set 16 jts. of 10-3/4" 3D 40.5# J-55 casing at 500' with 175 sax 50-50 Posmix with 4% gel, 1# Tufplug, 1/4# Flocele and 2% calcium chloride. Tailed in with 100 sax of regular cement with 2% gel and 2% calcium chloride added. Plug down at 5:10 a.m. 10-27-62. Good returns on cement.

Brilled to 1,134' with partial returns. Lost circulation at 994', 1,008', and 1,070'. Ran drill pipe open ended to 1,113'. Comented with 100 sax regular cement with 25# Gilsonite and 2% calcium chloride. Approximately 30 sax of cement in formation. Jeb complete at 3:30 p.m. 10-29-62. Filled hole with fluid at 8:00 p.m. 10-29-62. Started drilling cement at 1:30 a.m. Top of cement at 981'. Drilled to 1,157'. Started losing circulation. Drilled to 1,249'. Ran drill pipe open ended to 1,206'. Spotted 100 sax regular cement with 25# Gilsonite and 2% calcium chloride added per sack. Pulled up to 500'. Squeezed 30 sax of cement into formation. Started drilling cement at 2:00 a.m. 10-31-62. Top of cement at 909', bottom of cement at 1,209'. At 7:30 a.m. 10-31-62 drilling at 1,289' with full returns.

DAR L YOK



Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office Salt Lake

O

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

Loase No. USA (SL 070052) Unit Big Indian

	NOTICES A	MD KEPUK	TS ON WELL	LS
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPO	PRT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE	E PLANS		RT OF SHOOTING OR ACIDIZI	
NOTICE OF INTENTION TO TEST W		il	RT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRI	LL OR REPAIR WELL	11	RT OF RE-DRILLING OR REPA	
NOTICE OF INTENTION TO SHOOT	OR ACIDIZE	ll .	RT OF ABANDONMENT	l l
NOTICE OF INTENTION TO PULL O	R ALIER CASING	ll .	VELL HISTORY	1
NOTICE OF INTENTION TO ABANDO	ON WELL			
(INDI	ICATE ABOVE BY CHECK MARK	NATURE OF REPORT, NOT	ICE, OR OTHER DATA)	
		Mov	ember 12,	, 19_4
Big Indian Unit Vell No3 is loc		S line and2	300 ft. from $\left\{\begin{matrix} \mathbf{E} \mathbf{x} \\ \mathbf{W} \end{matrix}\right\}$ line	e of sec
NE SW Sec. 10 (34 Sec. and Sec. No.)	308 (Twp.)	(Range)	Salt Lake (Meridian)	
Wildcet (Field)	San Juan		(State or Territ	
tate names of and expected depths				
11/11/02 DET NO. 1	n 5 gallon bucket	t of water. Re	mained steady th	roughout
11/11/62 DST No. 2 good strong blow in test. Recovered 90 IH & FH 1565#, 30 m	O' of drilling minute ICI 920, :	ad and 102h of), 30 minute FCI	830.
good strong blow is test. Recovered 90	O' of drilling m minute ICI 920, 1	ed and 102h o), 30 minute FCI	ressures: 830.
good strong blow is test. Recovered 90	O' of drilling m minute ICI 920, 1	nd and 102h' of the second sec), 30 minute FCI	830.
good strong blow in test. Recovered 90	O' of drilling m minute ICI 920, 1	nd and 1024° o IF 160#, FF hh	0, 30 minute FCI	830.
good strong blow in test. Recovered 90	O' of drilling m minute ICI 920, :	nd and 102h o	0, 30 minute FCI	830.
good strong blow is test. Recovered 90	minute ICI 920, 1	IF 160#, FF hig	0, 30 minute FCI	830.
good strong blow in test. Recovered 90 IH & PH 1565#, 30 E	minute RCI 920, I	IF 160#, FF hig	0, 30 minute FCI	830.
good strong blow in test. Recovered 90 IH & PH 1565#, 30 E	ork must receive approval in OIL COMPANY	IF 160#, FF hig	0, 30 minute FCI	830.
good strong blow in test. Recovered 90 IH & FH 1565#, 30 E	ork must receive approval in OIL COMPANY	IF 160#, FF hig	0, 30 minute FCI	830.





Corpy H. L. C!

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Salt Lake Land Office

USA (SL 070052)

Big Indian Unit

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

NOTICE OF INTENTION TO			
	DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO	CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO	TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO	RE-DRILL OR REPAIR WELL	·	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO	SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
	PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO	ABANDON WELL		
	(INDICATE ABOVE BY CHE	CK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)
			Hovember 13, 1962 , 19
Rig Indian Unit		,	
ell No	is located 2300 f	t. from	$\frac{N}{N}$ line and 2300 ft. from $\frac{N}{N}$ line of sec. 10
E SW Sec. 10	305	25	Salt Lake
(1/2 Sec. and Sec. No.)	((Ran	
(Field)		n Juan (County or Sul	odivision) (State or Territory)
(ground	(000	(Sease of Territory)
ate names of and expected	depths to objective sands; ling points,	show sizes, w	OF WORK sights, and lengths of proposed easings; indicate mudding jobs, centimportant proposed work)
1/12/62 DST me pened with a go of water in 10 s 5 minutes. Oas in 35 minutes.	e. 3 - 3291-331; cod blow. Incre minutes, then so s flow very smal Recovered 300'	show sizes, we and all other P Horno eased to tarted t Il flame of dril	eights, and lengths of proposed casings, indicate mudding iche
1/12/62 DST me pened with a go of water in 10 s 5 minutes. Oas n 35 minutes.	e. 3 - 3291-331; cod blow. Incre minutes, then so s flow very smal Recovered 300'	show sizes, we and all other P Horno eased to tarted t Il flame of dril	eights, and lengths of proposed casings; indicate mudding jobs, centimportant proposed work) 88. Tool open 15 minutes. Tool strong blow in five gallon bucket o decrease slowly. Gas to surface in the size of blow torch. Well dead ling fluid. Pressures: IH & PH 1605
ppened with a goof water in 10 s is minutes. One in 35 minutes. in 35 minutes. in minutes. in in in in in in in in in in in in in i	e. 3 - 3291-331; cod blow. Increminates, then st s flow very smal Recovered 300' 72, IF 70, FF 89	show sizes, w. and all other 9' Herms eased to tarted t 11 flame of dril 5, 30 mi	eights, and lengths of proposed casings; indicate mudding jobs, centimportant proposed work) 88. Tool open 15 minutes. Tool strong blow in five gallon bucket o decrease slowly. Gas to surface in the size of blow torch. Well dead ling fluid. Pressures: IH & PH 1605
pened with a good water in 10 self water	e. 3 - 3291-331; cod blow. Incre minutes, then so s flow very smal Recovered 300° 72, IF 70, FF 8;	show sizes, w. and all other 9' Herms eased to tarted t 11 flame of dril 5, 30 mi	eights, and lengths of proposed casings; indicate mudding jobs, comimportant proposed work) 88. Toel open 45 minutes. Toel 9 strong blow in five gallon bucket 10 decrease slowly. Gas to surface in 9 the size of blow torch. Well dead 1 ling fluid. Pressures: IH & FH 1605 1 mute PCI 800. Bottom hole temp. 80°.
1/12/62 DST more period with a good water in 10 standers. Oas in 35 minutes. Oas in 35 mi	e. 3 - 3291-331; cod blow. Incre minutes, then et s flow very smal Recovered 300' 72, IF 70, FF 8; an of work must receive app	show sizes, w. and all other 9' Herms eased to tarted t 11 flame of dril 5, 30 mi	eights, and lengths of proposed casings; indicate mudding jobs, comimportant proposed work) 88. Toel open 45 minutes. Toel 9 strong blow in five gallon bucket 10 decrease slowly. Gas to surface in 9 the size of blow torch. Well dead 1 ling fluid. Pressures: IH & FH 1605 1 mute PCI 800. Bottom hole temp. 80°.

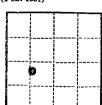
Copy H. L.C.

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office Salt Lake

Loase No. 118A (SL 070052)

Unit Big Indian

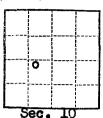


UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

Vell No. 3 is loc	ated 2300 ft.	ر حی	and 2300 ft. from $\left\{\begin{matrix} \mathbf{E} \\ \mathbf{W} \end{matrix}\right\}$ line	of sec. 10
(1/2 Sec. and Sec. No.)	(Twp.)	25K (Range)	Salt Lake (Meridian)	
Wildest	San Juan		Utah	
	DE	ETAILS OF W	ORK	
he elevation of the second second depths	DE to objective sands; sh	ETAILS OF We now sizes, weights, and ad all other important	ORK lengths of proposed casings; indicate m proposed work)	
ate names of and expected depths 11-16-62 DST No. i bubbles in 5 gallor tool was open. Rec	DE to objective sands; shing points, and the bucket on the covered 90° covered	ETAILS OF We now sizes, weights, and ad all other important of Hermosa. Initial opening of drilling s	ORK	Had a few w while FH 1887.
ate names of and expected depths 11-16-62 DST No. 1 bubbles in 5 gallor tool was open. Rec 30 minute ICI 1070	DE to objective sands; she ing points, and ing	ETAILS OF Wood and sizes, weights, and ideal other important of Hermosa. Initial opening of drilling sold, 30 minute	lengths of proposed casings; indicate m proposed work) Tool open 30 minutes. ng, then died. No floud. Pressures: IH &	Had a few w while FH 1887, temp. 980.
ate names of and expected depths 11-16-62 DST No. 1 bubbles in 5 gallor tool was open. Rec 30 minute ICI 1070	DE to objective sands; she ing points, and ing	ETAILS OF Wood and sizes, weights, and ideal other important of Hermosa. Initial opening of drilling sold, 30 minute	lengths of proposed casings; indicate m proposed work) Tool open 30 minutes. Ing. then died. No floud. Pressures: IH & FCI 225, Bottom hole	Had a few w while FH 1887, temp. 980.
tate names of and expected depths 11-16-62 DST No. bubbles in 5 gallor tool was open. Rec 30 minute ICI 1070	DE to objective sands; she ing points, and ing	ETAILS OF Wood and sizes, weights, and ideal other important of Hermosa. Initial opening of drilling sold, 30 minute	lengths of proposed casings; indicate m proposed work) Tool open 30 minutes. Ing. then died. No floud. Pressures: IH & FCI 225, Bottom hole	Had a few w while FH 1887, temp. 980.
tate names of and expected depths 11-16-62 DST No. bubbles in 5 gallos tool was open. Res 30 minute ICI 1070 I understand that this plan of we	DE to objective sands; she ing points, and ing	ETAILS OF Wood and sizes, weights, and ideal other important of Hermosa. Initial opening of drilling sold, 30 minute	lengths of proposed casings; indicate m proposed work) Tool open 30 minutes. Ing. then died. No floud. Pressures: IH & FCI 225, Bottom hole	Had a few w while FH 1887, temp. 980.

Form 9-831 a (Feb. 1951)



Copy H. S.C.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4. Approval expires 12-31-00.

Salt Lake Land Office

USA (SL 070052)

Big Indian

SUNDRY	NOTICES	AND R	EPORTS	ON WELL	S
NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE POSITION TO TEST WATER NOTICE OF INTENTION TO RE-DRILL. NOTICE OF INTENTION TO SHOOT OR NOTICE OF INTENTION TO PULL OR A NOTICE OF INTENTION TO ABANDON	LANSER SHUT-OFFOR REPAIR WELLACIDIZELTER CASING	SUBSEQ SUBSEQ SUBSEQ SUBSEQ SUBSEQ SUPPLE	UENT REPORT OF SI UENT REPORT OF AI UENT REPORT OF AI UENT REPORT OF AI MENTARY WELL HIST	ATER SHUT-OFF HOOTING OR ACIDIZING LTERING CASING E-DRILLING OR REPAIR BANDONMENT	X
(INDICA	E ABOVE BY CHECK MA	ARK NATURE OF R		other data) er 27, 1962	10
Big Indian Unit Well No. 3 is locat	ed 2300 ft. fro	om.			•
NE SW Sec. 10	30S	25E	·	· ,	
Wildcat	(Twp.)	(Range)	(Meridian	n)	
(Field)	(Coun	ty or Subdivision)		(State or Territory)

ground кв 6741' The elevation of the derrick floor above sea level is 6730

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

11-20-62 DST No. 5 4222-4283' Hermosa. Tool open 1 hr. Tool opened with very weak blow, increased to good strong blow in 5 minutes. Gas to surface in 8 minutes. Seven pounds pressure on 1/2" surface choke, increased to 30 pounds in 20 minutes. Remained steady the remainder of test. Gas flow estimated between 5 & 10 MCF per day maximum. Recovered 545' of gas and oil cut drilling mud, estimated 15% dark green oil. Pressures: IH & FH 2140, 30 min. ICI 1240, IF 55, FF 182, 30 min. FCI 915, Bottom hole temp. 1060. Corrected gravity of oil 470.

11-23-62 DST No. 6 4559-4617! Hermosa. Tool open $1\frac{1}{2}$ hrs. Opened with fair blow, increased to good blow. Gas to surface in 15 minutes, estimated at 266,000 Cubic feet per day. Rec. 160' of drilling fluid. Pressures: IH & FH 2282, 30 min. ICI 1195, IF 56, FF 70, 30 min. FCI 872, Bottom hole temp. 1030.

I understand that this plan of work must receive approval in writing by the Geological Survey before open the desired workman. THE PURE OIL COMPANY Company ____ P. O. Box 1338 Address ____ Moab, Utah 253-3581 Senior District Clerk



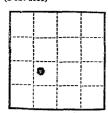


Budget Bureau No. 42-R358.4 Approval expires 12-31-60.

Land Office Salt Lake

Losse No. USA (SL 070052)

Unit Big Indian



UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

11-27-62 blow, dear FH 2395,	DET No. 7 he d in 50 minute 30 min. ICI as at this plan of work mus THE PURE OII P. C. Box 13	809-1,870 80 Rec ad FCI 8	show sizes, weight and all other in the size of the si	a. Tool o	pen 1 hr. lling mud tom hole	Opened w l. Pressur temp. 109°	oith a wes
11-27-62 blow, dea: FH 2395,	DET No. 7 Lift of in 50 minute 30 min. ICI as at this plan of work must THE PURE OIL	809-1,870 80 Rec ad FCI 8	show sizes, weight and all other in the size of the si	ghts, and lengths on portant proposed 8. Tool of dr1 FF 70, Bot	pen 1 hr. lling mud tom hole	Opened w l. Pressur temp. 109°	oith a wes
11-27-62 blow, dear FH 2395,	DET No. 7 140 d in 50 minute 30 min. ICI as	809-4870 BB. Rec	show sizes, weight and all other in the size of the si	ghts, and lengths on portant proposed 8. Tool of dr1 FF 70, Bot	pen 1 hr. lling mud tom hole	Opened w l. Pressur temp. 109°	oith a wes
11-27-62 blow, dear FH 2395,	DET No. 7 40 d in 50 minute 30 min. ICI ar	ective sands; ing points, 309-4870 ss. Rec ad FCI 8	show sizes, weight and all other in Hermos overed 1	ghts, and lengths on portant proposed 8. Tool of dr1 FF 70, Bot	pen 1 hr. lling mud tom hole	Opened w l. Pressur temp. 109°	oith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62 blow, dea	DET No. 7 48	ective sands; ing points; 809=4870	show sizes, weight and all other in	ghts, and lengths on portant proposed 8. Tool of drd	pen 1 hr. 11ins mnd	Opened w	cith a wes
11-27-62	DST No. 7 L	ective sands; ing points,	show sizes, weight and all other in	ghts, and lengths on portant proposed	nwork)	Onemad v	oith a was
tate names or and	d expected depths to obj	ective sands;	show sizes, wei	ghts, and lengths	of proposed casi l work)	ngs; indicate mud	lding jobs, ceme
tate names or and	l expected depths to obj	ective sands;	show sizes, wei	ghts, and lengths	of proposed casi	ngs; indicate mud	lding jobs, come
		D	ETAILS (OF WORK			
		_					
he elevation	of the derner no	of above	sea level is	6730 ft.	KB 6741	L#	
(Fie	eround	((County or Subd	ivision)		(State or Territory)	
Wildcat		Sa	in Juan	•		Utah	
	1 Sec. No.)	(Twp.)	(Range		It Lake (Meridian)		
NE SH Sec		3 08	ျ 25 ဥ	,		(w)	
Vell No. 3	is located	2300 ft	t. from_{s	$\begin{cases} line and 2 \end{cases}$	300 ft. fro	$\mathbf{m} \left\{ \mathbf{v}_{i} \right\}$ line o	f sec. 10
	ian Unit		TY	¥			•
				No	vember 28	3	
	(MANK RAIU	NE OF REPORT, NO	INE, UK OTHER	DATA)	÷
	(INDICATE A	BOVE BY CHE	CK MARY NATIO	RE OF REPORT, NO	TION AS		
NOTICE OF INTE	NTION TO ABANDON WEL	L					
	NTION TO PULL OR ALTE NTION TO ABANDON WEL			SUPPLEMENTARY			
NOTICE OF INTER	NTION TO SHOOT OR AC NTION TO PULL OR ALTE	IDIZE		SUBSEQUENT REPO	ORT OF ABANDO	NMENT	
NOTICE OF INTER NOTICE OF INTER NOTICE OF INTER	NTION TO RE-DRILL OR NTION TO SHOOT OR AC NTION TO PULL OR ALTE	REPAIR WELL IDIZE ER CASING		SUBSEQUENT REPO	ORT OF RE-DRIL	LING OR REPAIR.	
NOTICE OF INTE NOTICE OF INTE NOTICE OF INTE NOTICE OF INTE	NTION TO SHOOT OR AC NTION TO PULL OR ALTE	SHUT-OFF REPAIR WELL IDIZE ER CASING		SUBSEQUENT REPO SUBSEQUENT REPO SUBSEQUENT REPO	ORT OF ALTERIA ORT OF RE-DRIL ORT OF ABANDO	NMENT	

2

Copy H. L.C.

United States DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

For But	es approved got Buress No. 42-R284.5.	
Land	comes Salt Lake City	
Lenes	Number See Below	
	Big Indian	

LESSEE'S MONTHLY REPORT OF OPERATIONS

	*********	17868	Mos	b. Utah			. Company	X		COMPANY Ge Manager
Sec. & % of %	Twp.	*Sange	Well No.	Days Preduced	Bbls, of Oil	Gravity	Cu.Ft.of Gas (In Thoua.)	Gasoline	Water (Li	RECOURS (If drilling depth; if shut down cause; date and result of test for gasoline causent of gas)
NE 33 India	29S n Un		1	-0-	-0⇒	-	= 0 -	**	None	Well shut in entir
SW • 10 · India	30S	25E	3	-0-						Drilled from 1693 1836. DST No. 1 - 1803-1836. Drille to 3239. DST No. 3214-3239. Drille to 3319. DST No. 3291-3319. Drille to 3860. DST No. 3817-3860. Drille to 4234. Cored to 4283. DST No. 5 - 4222-4283. Drille to 4567. Cored to 4617. DST No. 6 - 4559-4617. Drille to 4819. Cored to 4870. DST No. 7 - 4809-4870. Drille to 5082. DST No. 5050-5082. Drilled 5177 - Incomplete.

Note-There were No uns or sales of oil; No M cu ft, of gas sold;

No sum or cales of gosoline during the month, (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be seed in deplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-200 (January 1900)





Form 9-331 a (Feb. 1951)



Copy H. L. C

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.

Salt Lake

USA (SL 070052)

Big Indian

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING. SUBSEQUENT REPORT OF ALTERING CASING. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR. SUBSEQUENT REPORT OF ABANDONMENT.
	TURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 3 is located 2300 ft. from S line and ft. from E line of sec.

WK 5W Sec. 10

(24 Sec. and Sec. No.)

Wildcat

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 6730 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11/30/62 DST No. 8 5050' - 5082'. Tool open 2 hours. Opened with good blow. Gas to surface in 20 minutes. Gas flow estimated at 250,000 cubic feet per day. Recovered 100' of drilling fluid. Pressures: IH 2482, 30 min. ICI 2085, IF & FF 42, 30 min. FCI 1070, FH 2455, Bottom hole temp. 106 degrees.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

THE PURE OIL COMPANY

Company

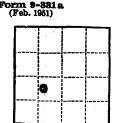
P. O. Box 1338

By Coggan

Company

Title





Copy H.L.C.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Form Approved.

Land Office Salt Lake

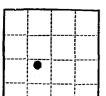
Lase No. 184 SL 070052

Unit Big Indian

SUNDRY NOTICES AND REPORTS ON WELLS

OTICE OF INTENTION TO DRILL					
OTICE OF INTENTION TO CHANGE	PLANS	1 13	ORT OF WATER SHUT-OFF_ ORT OF SHOOTING OR ACI		
OTICE OF INTENTION TO TEST WA	TER SHUT-OFF	1 11	ORT OF ALTERING CASING		
OTICE OF INTENTION TO RE-DRILL		SUBSEQUENT REPO	ORT OF RE-DRILLING OR F		
TICE OF INTENTION TO SHOOT O		1 1	ORT OF ABANDONMENT		
OTICE OF INTENTION TO PULL OR		SUPPLEMENTARY	WELL HISTORY		X
TICE OF INTENTION TO ABANDO	N WELL				
(INDIC E Indian Unit	ATE ABOVE BY CHECK MAR	RK NATURE OF REPORT, NO	Possiber 12,	, [¹	62
Nois loca	ated 2300 ft. from	$\mathbf{m} = \left\{ \begin{array}{c} \mathbf{S} \\ \mathbf{S} \end{array} \right\}$ line and \mathbf{A}	ft. from W	line of sec	0
(1/2 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
deat		Juan	Utak	1	
(Field)		y or Subdivision)	(State or Te	erritory)	
names of and expected depths t	DETA DETA DETA DETA DETA DETA DETA DETA	AILS OF WORK izes, weights, and lengths other important proposed Furnder Tool	of proposed casings; indicativors.	Opened with	400
elevation of the description of and expected depths to 6-62: DST No. 9 5 10, gas to surface acceptance 150 slight	DETA DETA DETA DETA DETA DETA DETA DETA	AILS OF WORK izes, weights, and lengths of other important proposed Paradox Tool Gas estimated Pressures:	of proposed casings; indications, indication	Opened with ofto per d fr 30 minut	go.
elevation of the density names of and expected depths to 6-62: DST No. 9 5 No. 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DETA DETA DETA DETA DETA DETA DETA DETA	AILS OF WORK izes, weights, and lengths other important proposed Paradox Tool Gas estimated Pressurees 156. Bottom he le ted 12-5-62. 75 sax regul - 70 sax regul - 70 sax regul	of proposed casings; indicatively open 1 hours of at 160,000 ou IH and PH 2738 ole temp. 116° of 3 community calliar community is alliar community with 176° KB with 186° onlains Rig released a	Opened with ft. per d fj 30 minut pluge as fo t saturated S calcium 25 calcium 325 cax 50- chloride. t 2130 a.m.	god ay. e I llen chi chi 50 :
elevation of the density names of and expected depths to 6-62: DST No. 9 5 W, gas to surface evered 150' slight #; IF and F 55; 3 lied to 5,895 TD. g No. 2 - 5,50' - g No. 2 - 5,50' - g No. 3 - 1,90	DETA DETA DETA DETA DETA DETA DETA DETA	ILS OF WORK izes, weights, and lengths other important proposed Faradox Tool Gas estimated Pressurees 156 Bottom he le ted 12-8-62. - 75 max regul - 70 max regul 116 cening at 1/16 Flocale pems 12-9-62.	of proposed casings; indicativors. I at 160,000 cu IH and PH 2738 La temp. 116°. Set 3 commt lar commt, saliar commt with lar commt with	Opened with ft. per d fj 30 minut pluge as fo t saturated S calcium 25 calcium 325 cax 50- chloride. t 2130 a.m.	god e Id lles chi chi 50 : Good
names of and expected depths to 6-62: DST No. 9 5 W, gas to surface exceed 150 slight 17 55; 3 lied to 5,895 TD. g No. 2 - 5,595 - g No. 2 - 5,595 - g No. 2 - 5,590 - g No. 3 - 4,900 - g No. 3	DETA DETA DETA DETA DETA DETA DETA DETA	ILS OF WORK izes, weights, and lengths other important proposed Faradox Tool Gas estimated Pressurees 156 Bottom he le ted 12-8-62. - 75 max regul - 70 max regul 116 cening at 1/16 Flocale pems 12-9-62.	of proposed casings; indicatively open 1 hours of at 160,000 ou IH and PH 2738 ole temp. 116° of 3 community calliar community is alliar community with 176° KB with 186° onlains Rig released a	Opened with ft. per d fj 30 minut pluge as fo t saturated S calcium 25 calcium 325 cax 50- chloride. t 2130 a.m.	god e Id lles chi chi 50 : Good
elevation of the density names of and expected depths to 6-62: DST No. 9 5 W, gas to surface evered 150' slight #; IF and F 55; 1 lled to 5,895 TD. If No. 2 - 5,50' - If No. 2 - 5,50' - If No. 3 - 1,900' - If Suturated, if gas moving out rig. Inderstand that this plan of work pany The Pure Oil	DETA DETA DETA DETA DETA DETA DETA DETA	ILS OF WORK izes, weights, and lengths other important proposed Faradox Tool Gas estimated Pressurees 156 Bottom he le ted 12-8-62. - 75 max regul - 70 max regul 116 cening at 1/16 Flocale pems 12-9-62.	of proposed casings; indicatively open 1 hours of at 160,000 ou IH and PH 2738 ole temp. 1160 of tem	Opened with ft. per d fj 30 minut pluge as fo t saturated S calcium 25 calcium 325 cax 50- chloride. t 2130 a.m.	god ay. e Id llen chi chi 50 : Good

Form 9-881 a (Feb. 1951)



500.

O Lapy HX- E



Budget Bureau No. 42-R358.4. Form Approved.

Land Office Salt Lake

.... VSA SL 070052

Big Indian

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(SUBMIT IN TRIPLICATE)

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		<u> </u>	December 21,				
Rig Indian Unit Well No. is located	2300 ft. f	rom_{-} $\begin{cases} 1 \\ S \end{cases}$ line and	d 2300 ft. from	$\left\{ egin{array}{c} \mathbf{W} \end{array} \right\}$ line of sec.	10		
ME SW Sec. 10	308	25E	Salt Lake				
(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	Utah			
(Field)	(Cor	inty or Subdivision)	(Sta	ate or Territory)			

The elevation of the derrick noon above sea level is 6730 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company

P. O. Box 1336

Heab, Utah

By

Title

Senior District plant

Ball

SUMBRY MOTICES AND REPORTS ON WELLS

Hig Indian Unit No. 3 2300' FSL and 2300' FWL Sec. 10, 308, 25E San Juan County, Utah Salt Lake
USA SL 070052
Rig Indian
Supplementary Well History

December 21, 1962

GR elevation: 6730' KB elevation: 6741'

- Schlumberger ran correlation log 4,680' to 4,000'. Schlumberger perforated 4 shots per foot, 2 crack jets and 2 regular jets, from 4,606' to 4,618'.

 Ran 2-7/8" OD 6.50% J-55 tubing open ended to 4,608'. Halliburton spetted MCA 7-1/2% acid on perforations. Formation broke at 3,000%. Pumped 300 gallens in formation at 5 bbls. per minute at 2,000%. Left 200 gals. in tubing. Immediate shut down 600%, 30 minute shut in 500%, 45 minute shut in 400%. Left well shut in overnight.
- Halliburton sand frac'd well down casing with 28,000# 20-40 sand, 2000# 10-20 sand and 50,000 gallons of fresh water, cut 10% with brine water. Flushed with 145 bbls. of fresh water, 30 bbls. over flush. Injection rate 44 bbls. per minute. Maximum treating pressure 2600#, minimum treating pressure 2400#. Maximum pressure on flush 2750#. Instant shut in 2000#, 5 minute shut in 1800#, 4 hour shut in 1000#. Left well shut in overnight. After 20 hour shut in, 600#. Opened well to pit. Well flowing 4 to 5 bbls. of treating water per hour, also small amount of gas. Well flowed treatment water for 14 hours and then died. Ran tubing in hole. Set packer at 4,555', tail pipe at 4,591'. Made 4 runs with swab, last run to 3500'. Well started flowing at 2:30 p.m. 12-16-62.
- 12-19-62 Flowed 2h hours on a 3/h" choke. Produced 22 bbls. of load water. Gas metered at 295 MCF/D. Flowing TP 15#. Now flowing on test Incomplete.

aitate getinu DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Fer Bud	m epp lyet X	ereni Erecini	No.	42.	reiss.
Lend	Office	Sal	t Le	<u>lke</u>	City
					LOW
eksu	I	ig I	ndia	M	

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page 1 of 2 pages Utah San Juan Big Indian Field County The following is a correct report of operations and production (including drilling and producing wells) for the month THE PURE OIL COMPANY P. O. Box 1338 Agent's address Company Moab, Utah Signed 253-3581 Agents title District Office Manager Phone REMIARKS Well Cu.Ft.of Gas Gal of (If drilling, depth; if shut Days Bbls of Sec. & Gasoline Water (II down, cause; date and re-Recovered mone, state suit of test for gacoline No. Preduced Bbla of Oil Gravity (In Thous.) % of % Two. Range content of gas) 067131-E LEASE NO. 298 2hE 1 None Well shut in entire month. Sec. 33 Big Indian Unit No. Lease no USA SL 070052 25E 3 Drilled 51779 - 56329. Cored to 56609. 308 DST No. 9 - 5594 - 5660 Drilled to Sec. 10 5895° TD. Drilling completed 12-8-62. Big Indian Unit No. Ran electric logs to TD. Set three cement plugs in bottom of hole as follows: Plug #1 - 5895' - 5659' - 236' - 75 sax regular salt saturated cement. Plug #2 - 5540' - 5440' - 100' - 40 sax regular cement with 2% calcium chloride. Plug #3 - 4900' - 4748' - 152' - 70 sax regular cement with 2% calcijm chloride. Set 150 | its. of 5-1/2" OD 15.5# and lu# casing at 4746 KB. Comented with 325 sax 50-50 Pozmix, salt saturated, h% gel, l# Tufplug, 1/4# Flocele and 2% calcium chloride. Plug down at 9:30 p.n. 12-9-62. Rig released at 2:30 a.m. 12-10-62. On December 13, 1962, Schlumberger ran Correlation Coliar log from 4680' to 4000'. (Continued on next page)

runs or sales of ell: M cu ft of gas sold: No runs or sales of gasoline during the month, (Write "no" where applicable.)

Note Report on this form is required for each calendar month, regardless of the status of operations, and must be

filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-889 (Jamesry 1950)

SE NE

NE SW

United States Department of the interior Geological Eurvey

For Bud	ea a Lgot	proved Bureau	No.	62.R	178.S.
Land	Offi	sa Sa	<u>l</u> t I	ake	City
Lesso	Me	mior _	See	Belo	M
Uess	6 > 0 0 0 0 0 0	Big	Indi	en	-

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page 2 of 2 pages

									`,		•
1	State		Utah		Co	untySi	an Juan		Mold	Big I	ndian
	The	toller	ring is	a corr	ect report	of sperations	and proj	luction (inclu	ling Crillin	s and predu	cing wells) for the month
	of	Dece	nber	********	19 6	2		********			(Sin 1018 din 1018 Sin 1000 di Colonico (100 din 100 di Colonico (100 di Colonico (100 di Colonico (100 di
	Agent	12. 2008	C000	P. O.	Box 13	38		Сомраву	THE	PURE OII	O MPANY
·			1	Mah.	litab			C'emied	A		
•	Phone								,	<i>a</i> 4	ice Manager
											REMARKS
	c & of %	Twp.	Range	Well No.	Days Produced	Bblc. of Oll	Gravity	CuFt,6f Gas (In Theus.)	Gal. of Gasoline Recovered	Bbla of Water (If none, state	(If drilling, depth; if shut deven, cause; date and re- sult of test for gasoline content of gas)
LE	ASE	NO. T	SA S	070	052						
E SW ec. 10 ig Ind		30 S	25E	3		Continued	e e	jets and	2 regu	lar jets)	with 4 shots (2 crack per foot from 4606° bing open ended to
"P "#								4608.	Hallibu	rton spot	ted 7-1/2% MCA on
	į	Pum	ed 30	0 ga	ls. in	formation	at 5 b	periorat bls. per	minute	at 2000#	broke at 3000#. Immediate shut down
		600/	, 30	mim	te shut	in 500#,	45 mir	ute shut	in 400#	Shut w	all in overnight.
		Pull	led to	gnidi	Hall	iburton s	and fra	c'd well	down ca	sing with	28,000# of 20-40 or cut with 10%
		brin	and	er.	Flushe	d with lh	bbls.	of fresh	water.	30 bbls	overflush. Injection
		rate	ابليا	blai	per mi	nute. Ma	cimum t	reating p	ressure	2600# , n	inimum 2400#. Maximu
		pres	sure	on f	lush 27	50#. Ins	tant sh	ut in 200	0#,5 m	inute shu	t in 1800#, 4 hour
		enu.	r en	LUUUF	for the	hours and	i ouum	ded Re	HETT TO	pit. We	11 flowed treatment - Set packer at
		455	t.	il	toe set	at 4591°	Made	h huns w	ith swa	b and wel	l began flowing. On
		12-1	7-62	flow	ed 24 h	ours on a	3/4" c	noke. Pr	pauced l	h bbls.	l began flowing. On of load water. Gas
		me to	red a	at 24	it McF/D	, flowing	tubing	pressure	15#•	Well flow	red on test through
		Dece	mber	29,	1962 wh	on it was	shut 1	n for bot	tom hol	e pressui	test.
	4										
	,										
				ł				1			
			1								
				1					1		·
							<u>L</u>		<u></u>	<u> </u>	
	Note	_Ther	• were		No	runs or se	les of ell	•	No		M cu ft of gas sold;

No runs or sales of gasoline during the month, (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filled in duplicate with the supervisor by the Sth of the succeeding month, unless otherwise directed by the supervisor.

Form 9-369 (January 1950)

die

umited states Department of the interior Geological Survey

For Box	139 £	pprove Bures	e Ne en	ie,	69.5	a.cees
	011	∞ _S	alt	Ļ	ake	City
Lance	886	en bor	Sec	3	Belo	W
Unit		Big	Inc	ìi.	an	

LESSEE'S MONTHLY REPORT OF OPERATIONS

	State		Utah		Ce	ountyS	an Juan		Field	Big I	ndian
	The					ed operation			ding drill:	ng and produ	icing wells) for the month
	Agen	t's add	irens	P.	O. Box	1338			A COLUMN TOWNS THE PARTY OF THE	named Tonne consumption (Int.) (Int.)	COMPANY
	*******	· • • • • • • • • • • • • • • • • • • •				gagg.30** + + + + + + + + + + + + + + + + + + +		Signed	LYL	Type	manifestations and the second
	Phon	ė	· • • • • • • • • • • • • • • • • • • •	253	-3581	1949 1965 bull-br + 1100 100 100 100 100	**********	. Agent's tit	de Dist	rick beeri	ce Manager
	Sec. &	Twp.	?ange	Well No.		Bbls, of O3	Gravity	CuFtof Gas (In Thous.)	Gazoline	Water (II	REMARKS (If drilling douth; if shut down cause; date and result of test for gasoline content of gas)
1	LEASE	io. t	SA SI	070	052						
			OS 25E	25E 3 Continued	ued	of load oil dus. On 1-31 25 bbls. of load oil cut also washed 28 of sand of Removed bridge plug and n as follows: Bottom of the packer at 4188. Flushed fresh water and shut down			-31-63 cut of ho d off of d ran tu tail jo hed annu own for	of load oil, 88 bbl. 31-63 circulated at estimate tof hole with salt water a off of top of bridge plug. I ran tubing and packer and tail joint at 4225, top of sed annulus with 75 bbls. of wan for night. Now preparing the both sets of perforation	
	Western State of the State of t			No		uns or sa		No			M cu ft of use soid.

No ress or sales of gasoline during the month, (Write "no" where applicable.)

Note-Report on this form is required for each calendar month, regardless of the status of operations, and must be fined in deplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

From 2.220
(Jeanuary 1989)

Copy H.L.C.

United States
Department of the interior
Geological Burvey

Form approved
Bedget Burgen No. 62-E385.
Lease State Salt Lake City
Lease Member See Below
Unit Big Indian
Page 1 of 2 pages

LESSEE'S MONTHLY REPORT OF OPERATIONS

		Utah				e Parame			75.1	**************************************
Sta		n card		Co	untyD	an ouar	<u> </u>	Field	<u>ng</u>	Indian
7	The fello	wing is	a corr	ect report	of eperations	and pro	ufoni) aolisut	ding Criffic	ig and produ	cing wells) for the month
œ.		anuar		<u>19</u> 63			•	ī		
	**********	*****		•		*******	dat totan den go orthetono p ago			
Δg	ent's adi	iross			1338		• •	THE	PURE OIL	COMPANY
*****	10 40007 - 44 - 6404		Mo	ab, Utal	1		. Signed	_ZX	Logge	
134.	071 2		25	3-3581			f mamáta A'A	. The	trict de	ice Manager
ru.	VII.		-				. reflexing fit	errere distant	***************************************	A V D A ACCIDENCE OF THE PROPERTY OF THE PROPE
Sec.	k X	Tenga	Well Ne.	Days Freduced	Bbls, of Ou	Gravity	Cu.Ft.of Gas (In Thous.)	Gal, of Casoline Recovered	Water (II	RELIABLES (If drilling, depth; if shut down cause; date and re- suit of test for gasoline causent of gas)
LEASE	e po.	6713	ЬВ		/					
				`		j			1	`
SE NE	295	27E	1	-0-	⊸0	-	-0-		None	Well shut in entire
Sec. 33 Big Indian	· ·	M .								month.
me rimies	, parc	100.	1							
LEASE	: to. 1	SA SI	070	052					<u> </u>	
					·					
NE SW	308	25E	3	16	-0-		3,301 (1	st.)	Well shu	t in until 1-4-63 when
Sec. 10	1								it was o	pened on a 32/64" choke.
Big Indian	unit	No. 3							Well flo	med at rate of 262 MCF
		9							per day	ith tubing pressure of
of load wa	ter pe	r day	l. T	ested we	11 thru 1	-20-63	Gee eve	regard 2	of Mor/a	an estimated 15 bbls. Ay and recovered an
estimated	4+5 bi	ds. c	f lo	d water	per day	On 1	-21-63 ri	rageu e	R & R Wa	ll Service. Halliburton
KITTEG MET	l with	y salt	wat	er. Pul	led tubir	g and	ran sand	bumo and	harragin	send out of wall.
McCullough	perio	wrated	With	a 4 supe	r casing	jet sh	bts par fo	ot from	1,2320 +	12101 Ren Beken
Legijovadi	e oric	ige pi	jug ai	ed set a	E 4277 .	Pulle	d up and s	et boti	om of re	trieving head at 12231.
nrabraced	Sate !	pter	with	crude o	11. Spot	ted 50	D gals. M	A 7-1/2	% actid or	formation. Broke
rormation	at 41	AP •	Broke	back t	o 2000#.	Halli	burton sai	d frac	d wall w	th 6000# of 20-10 and
and 2000#	of 10-	20 s a	nd.	Flushed	with 579	O gals	of McCr	icken cr	ude which	was 40 bbls. over
KAM - Navil	Thin (reati	ng p	essure	3150#; m	nimum	reating	ressure	2900#	Injection rate 19 bbls
per minute	LIE		Britt	TH 5500	וות לו איי	ute sh	pt in 1800	#; 1 hc	ur shut	n 1450#. Rigged up
owav. rou gtartad ma	telac	TO TE	AGT (Elifa	H SULTACE	· SWA	bosa 150	DLS. Of	load oi	into tank and then
170 bhle-	Of JV	H AT	gas.	LIUIG	J ymana	MINOC	e do	SASDOIL	g iron 40	00°. After recovering
1-1/2 hh]:	ner	M)20	TA TA	14+1a	T Grabbee	and g	as decreat	6 JOK 1	abood in	m 4200'. Recovered oad oil, 339 bbls. load
oil due.	Alter	ately	flo	ed. ave	poed and	Shipt m	all in for	Part J's	ULE OI	load 011, 339 bbls. load -24-63 thru 1-30-63.
				(Continued	on ne	kt page)	-	wh Trom	
		<u> </u>	<u> </u>	L. 24 	and the second second			.		
No	40-Ther	3 Mess	*********							_ M cu. ft. of gas sold;
**********	No			see or sal	es of gasoline	during	the month,	(Write "no	" where any	licable.)
Ne		RIG SER !	ure 14	ere er reg	MT8-267 T-26-57TM	n calend	er month, 19(io ezgudini	une stetus of	operations, and must be

filed in deplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-360 (Feautry 1999) Copy H. L. C.

0

Fec.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4. Form Approved.

Salt Lake

USA SL 070052

Unit E1g Indian

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO TEST WATER SHUT-OFF	NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT. NOTICE OF INTENTION TO PULL OR ALTER CASING SUPPLEMENTARY WELL HISTORY		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		
TOTAL TILL TILL TOTAL TO		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO ABANDON WELL	NOTICE OF INTENTION TO PULL OR ALTER CASING	 - TOT - LEMERTARY WELL MISTORY
	NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

The second and the second			January 25, 1963	, 19
Well No. 3 is located	2300 ft. fro	$\mathbf{m}_{-} \left\{ \begin{array}{l} \mathbf{N} \\ \mathbf{S} \end{array} \right\}$ line	and 2300 ft. from W line of sec	10
ME ON Sec. 10	306	25E	Salt Lake	
(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
(Field)	(Count	y or Subdivision)	(State or Territory)	
The elevation of the derrick floor	Tabove sea l	evel is 673	0 ft. 73 6741.	

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHELT ATTACEND

I understand	l that this plan of work must receive approval in writin	ng by the Geological Survey before operations may be commenced.
	THE PURE CIL COMPANY	
Address	P. O. Pax 1338	
	Mosh, Utah	By Saltang
*************************	253-3581	Title Sinior District Clerk

SIMPRI MOTICES AND REPORTS ON BELLS

Big Indian Unit No. 3 2300' FEL and 2300' FEL Sec. 10, 305., 25E., San Juan County, Utah Salt Lake
USA SL 070052
Big Indian
Supplementary Well History

GR elevation: 6730' KB elevation: 6741'

January 25, 1963

140

- 1-21-63 Rigged up R & R Well Service. Halliburton killed well with salt water. Pulled tubing and ran sand pump. Top of sand at 4590.
- 1-22-63 Sand pumped sand out to 1620'. Sand came in and filled hole to 1600'. Cleaned out to 1636'. Hole stayed clean. McCullough perforated with 14 super casing jet shots per foot from 1232' to 1240'. Nan Baker retrievable bridge plug and set at 1277'. Pulled up and set bottom of retrieving head at 1223'. Nippled up tree and shut down for night.
- 1-23-63 Displaced salt water with crude oil. Spotted 500 gals. MCA 7-1/25 acid on formation. Broke formation at h150%. Broke back to 2000%. Halliburton sand frac'd well with 6000% 20-40 sand and 2000% 10-20 sand. Flushed with 5750 gals. McGracken crude which equals total 40 bols. overflush. Maximum treating pressure 3150, minimum treating pressure 2900, injection rate 19 bbls. per min. Instant shut-in 2200, 15 min. shut-in 1800, 1 hr. shut-in 1850.
- Rigged up swab. Found fluid level at 200' from surface. Swabbed 120 bbls. of load oil into tank, then started getting some gas. Fluid level remained at 3000', swabbing from 1000'. After recovering 170 bbls. of load oil, fluid level dropped and gas decreased. Swabbed from 1200', recovered 1-1/2 bbls. per run, very little gas. Shut down at 6:00 P.M. for night. Fluid level 3300'. Recovered 186 bbls. of load oil, 339 bbls. load oil due. Opened well this morning and now flowing load oil and gas to tank with 125% flowing pressure.

J4P

united states department of the interior seological survey

Form approved
Budget Burgen No. 62.2625.
Land Office Salt Lake City
Lease Number See Below
Unik Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

							0,4				
St	e te		Utah	*****	Co	anty	San Ju	an	Field	Big I	ndian
al			dng is bruar		ect report	of erections	and pred	luction (inclu	ding drillin	g and produ	cing wells) for the month
-	.,		***************************************	·K.		338	al margina y an an de direction de la compansión de la compansión de la compansión de la compansión de la comp	. Company	THE	PURE OIL	COMPANY
10.00	80 04 60 u+ 4	*****	o	Moal	o. Utah	5 mpd-4 + mp 5 = 5 to 2000014 = 0000 00000		. Signed	LH	(09.	va
Pl	hone	*********		253:	-3581	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***********	Agent's tit	ie Dist	rict Off	ce Manager
Sec.		Porgo.	Rage	Well No.	Days Preduced	Bbls. of OR	Gravity	Cu.Ft.of Gas (In Thous,)	Gasoline	Weter (II	RELICENS (If drilling, depth; if shut down cause; date and re- sult of test for gazoline content of gaz)
	Ī	EAS	E NO.	0671	31-B						OCCUPANTA
SE NE Sec. 33 Big India		95 Init	2hE No.	1	-0-	~O~	-	-0-	B Company of the Comp	None	Well shut in entire month.
	I	eas	3 NO.	USA	SL 0700	<u>52</u>					
NE SW Sec. 10 Big India		į	25E No.	3	20	102 Est.		2,500 Est.		69 E st .	Swabbed well in with bosets of perforations be low packer. Well flower
					CHECK AND AND AND AND AND AND AND AND AND AND	and w	ell be	an flowir	g oil a	nd gas b	oil, gas and water and then died. Opened well heads. Released R & R
						Well	Service	at 9:30	a.m. 2-	3-63, an	shut well in. hrough 2-11-63. Well
	ļ					shut	in 2-1	2-63 thro	gh 2-15	63 for	ressure build up.
						Opene	H well	2-16-63 s	and test	ed on was	ious sized chokes
						unrou	gn 2-20	-63. Tes	ting in	comple te	
								Constitution of the consti			
	2										
***		There		No)	TUNS OF SA	les of dil			No	M cu ft of gas sold:
7.4	-			******							me and and an time and

Note Report on this form is required for each calendar month, (Write "no" where applicable,)

Meta Report on this form is required for each calendar month, regardless of the status of operations, and must be filled in deplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Ferm 8-349 (January 1988)



Form 9-831 a (Feb. 1951)



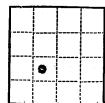


Budget Bureau No. 42-R358.4.

Form Approved.

Land Office Lease No. USA SL 070052

Unit ____Big_Indian



Sec. 10

SUNDRY NOTICES AND REPORTS ON WELLS

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	1	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		
·		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

,	<u></u>	Heren 18,	, 19. .63
Mig Indian Unit Well No is located	2300 ft. from S line as	and 2300 ft. from $\left\{\begin{matrix} \mathbf{E} \\ \mathbf{W} \end{matrix}\right\}$ line o	f sec
ME 54 5ec. 10			
	(County or Subdivision)	(State or Territory)	
The elevation of the derrick of	er above sea level is 6730.	ft. KB 6761*	4

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed work)

I understand	that this plan of work must receive approval in t	vriting by the	Geological Survey before operations may be commenced.
Company	THE PURE CIT. COMPANY		
Address	P. O. Box 1338		
	Monb, Vinh		By B Strang
***************************************	253-3581		By B. Strong Title Senior Dietrics Clark

SUNDRY NOTICES AND REPORTS ON WELLS

Big Indian Unit No. 3 2300' FSL and 2300' FWL Sec. 10, 30S, 25E San Juan County, Utah Salt Lake
USA SL 070052
Rig Indian
Supplementary Well History

GR elevation: 6730' KB elevation: 6741'

ANCH CONTRACT

March 18, 1963

- 1-25-63: Well died at 8:45 a.m. 1-25-63. Flowed 21 bbls. of load oil in 1-1/2 hours. Swabbed fluid from 2500' to 3800' and shut in overnight.
- 1-26-63: Tubing pressure 310% after being shut in overnight. Opened well and bled to zero then started flowing. Flowed 30 minutes and produced 5.4 bbls. of load oil. Ran swab. Fluid level at 2800'. Have recovered a total of 315 bbls. of load oil, 210 bbls. load oil due.
- 1-27-63: Well shut in for build up.
- 1-28 thru
 1-30-63: Swabbed 123 bbls. of load oil.
- 1-31-63: Circulated an estimated 25 bbls. of load oil out of hole with salt water, also washed 28' of sand off of top of bridge plug. Removed bridge plug and ran tubing and packer. Set packer at 4188', with both sets of perforations below packer.
- 2-1-63: Swabbed well in. Tubing pressure gradually decreased until well died and shut it in.

 Alternately shut well in and flowed well thru 2-11-63 when well was shut in thru 2-15-63 for pressure build up. Shut in pressure 1190%. Opened well on a 20/64" choke. Tested well on various sized chokes thru 3-11-63.
- 3-12-63: I.P. for record: Flowed 24 hours on a 20/64" choke. Tubing pressure 40#. Produced 8.12 bbls. of oil, no water. Gas metered at 103,808 cubic feet per day, GOR 12,784 to 1. FINAL



Budget Bureau No. 42-R355.4. Approval expires 12-31-60.

SERIAL NUMBER USA (SL-070052) LEASE OR PERMIT TO PROSPECT

U. S. LAND OFFICE Salt Lake

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

	RRECTLY						
Company The Pu	re Oil Comp	any	Addre	s P. O. Box	1338 -	Moab,	Utah
Lessor or Tract _U.	S. Governm	ent	Field	Big Indian	State	e U1	ah
Well No#3 S	ec. 10 T. 30	s R25EN	Aeridian Sa]	t Lake Co	unty	San Jua	in
Location2300 ft.	$\begin{bmatrix} N_{\bullet} \\ SX \end{bmatrix}$ of $_S_{\bullet}$ Lir	ie and -230	Of t. $\{ egin{array}{c} \mathbf{E}_{\cdot} \ \mathbf{W} \ \mathbf{A} \ \end{bmatrix}$ of $\mathbf{E}_{\cdot} \mathbf{W}$	Line of NW S	iw	Elev	ation Gr-673
The information so far as can be determined by the Date March-22, The summary of	n given herewit ermined from a	h is a com ll available	plete and correct records. Signed	t record of the w	vell and a	ll work o	lone thereon Manager
Commenced drilling					Decem	her 8	10 62
Commenced driming		74 1	GAS SANDS (1212445011	MALLEJ.	, 19
		OIL OK	(Denote gas by G)	R ZUNES			
No. 1, from42	32 to	4618	No. 4	from	to)	
No. 2, from	to		No. 5	from	to	o	
No. 3, from	to		No. 6	from	to)	
		IMPOR'	TANT WATER	SANDS		9	
No. 1, from	in the second se			from			
No. 2, from	to		No. 4	from	to)	· · · · · · · · · · · · · · · · · · ·
		C.	ASING RECO	RD			
Size Weight The casing per foot	reads per Mak	e Amoui	nt Kind of shoe	Cut and pulled from	From-	rated To—	Purpose
10 3/4" 40.5 5 1/2" 15.5	8-R 5	S500) float				Surface Productio
		474	<i>[</i>	<u></u>			and Antonesia
						or (stip)	N. J. Sie Call II
	MU	DDING A	ND CEMENTI	NG RECORD			
Size where set	Number sacks	of cement	Method used	Mud gravity	An	aount of m	uđ used
10 3/4" 500'	175 sa 325 sa		Halliburto				
77464					-		
		PLUG	S AND ADAP	TERS			

175 1870 175 1870 175 1870 175 1870 175 1870 175 1870 175 1870 1801	casing	Where set	Number sac	cks of cement	Method use	ed	Mud gravity	Amount	of mud used
Plugs and adapters	///A	H		2010		ton			
PLUGS AND ADAPTERS Length		" 500'	T12	Set.	-Hall-thur	ton			
Plug And Adapters Length Depth set Length Depth set Length Depth set Length Depth set Length Depth set Length Depth set Length Depth set Length Depth set Length Depth set Length Depth set Length Depth shot Depth cleaned out Length Depth shot Depth cleaned out Length Depth shot Depth cleaned out Length Depth shot Depth cleaned out Length Depth shot Depth cleaned out Length Depth shot Depth cleaned out Length Length Depth shot Depth cleaned out Length	2 1/4		<i></i>						
				,	·				
Size									
Stize Shell used Explosive used Quantity Date Depth shot Depth cleaned out	leaving	g plug—Mate	rial		Length		D	epth set	
TOOLS USED TOOLS USED Tools were used fromO_ feet to	\mathbf{dapter}	s-Material			Size				•== ========= =========================
TOOLS USED Rotary tools were used from	<u> </u>	<u> </u>		SHC	OTING RE	CORD			
TOOLS USED Cotary tools were used from	Size	Shell use	d Exp	Hosive used	Quantity	Date	Depth shot	Depth c	eleaned out
TOOLS USED Cotary tools were used from									
TOOLS USED totary tools were used from									
TOOLS USED Solution Solutio									
Colory tools were used from Geet to Geet to Geet to Geet to Geet to Geet to Geet to Geet to Geet to Geet, and from Geet to Geet to Geet, and from Geet to Geet to Geet, and from Geet to Geet to Geet, and from Geet to Geet to Geet, and from Geet, and from Geet, and Geet, and Geet			<u> </u>				***		
Cable tools were used from feet to feet, and from feet to feet to DATES	Rotorr	toola woro ua	od from				and from	foot	to foo
March 12, 19 63 Put to producing March 12, 19 19 The production for the first 24 hours was 8.12 barrels of fluid of which 10% was oil; mulsion; % water; and % sediment Gravity, °B6 16 16 If gas well, cu. ft. per 24 hours 113 MCF Gallons gasoline per 1,000 cu. ft. of gas 0 0 Rock pressure, lbs. per sq. in EMPLOYEES Driller Dril		the second secon							
March 12, 19 63	lable to	ols were used	from	feet		feet,	and from	feet :	to feet
The production for the first 24 hours was mulsion; —% water; and —% sediment. Gravity, °B6. — h6 If gas well, cu. ft. per 24 hours — 113 MCF — Gallons gasoline per 1,000 cu. ft. of gas — 6— Rock pressure, lbs. per sq. in. —— EMPLOYEES — Driller — Drille					DATES				
The production for the first 24 hours was mulsion; —% water; and —% sediment. Gravity, °B6. — h6 If gas well, cu. ft. per 24 hours — 113 MCF — Gallons gasoline per 1,000 cu. ft. of gas — 6— Rock pressure, lbs. per sq. in. —— EMPLOYEES — Driller — Drille		Way	ch 12 '''	1963	Put	to prod	ucing	March	-12, 196
mulsion; —% water; and —% sediment. Gravity, °B6	$\operatorname{Th}\epsilon$	production	for the first	24 hours was					
Rock pressure, lbs. per sq. in. EMPLOYEES Driller		and the second second second			0.15				
Rock pressure, lbs. per sq. in. EMPLOYEES Driller			and the second second						
Driller Dril	If g	as well, cu. f	t. per 24 hou	^{lrs} 113 MC	r Gallo	ns gaso	line per 1,000	cu, ft. of gas	
Driller	Roc	ek pressure, l	bs. per sq. in	1.					
FROM TO TOTAL FEET FORMATION RECORD 178					EMPLOYEE	S			
FORMATION RECORD FROM				, Driller					, Driller
FORMATION RECORD FROM	•			Driller				<u> </u>	Driller
FROM TO TOTAL FEET FORMATION -0- 1478 1993 1515 Sand & Shale 1993 2806 813 Sand & Lime 2806 3809 1003 Sand & Shale 3809 14795 986 Sand, Shale & Lime 14795 14870 75 Lime 14870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5159 282 Lime & Shale 5159 5601 112 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale					ATION RE	CORD			, = 121202
-0-	EDO!	<u> </u>	TO.					AMION	
178 1993 1515 Sand & Shale 1993 2806 813 Sand & Lime 2806 3809 1003 Sand & Shale 3809 14795 986 Sand, Shale & Lime 14795 14870 75 Lime 14870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5159 5601 112 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale	Thos			TOTAL FOR		-	EORBE	ALIUN	
178 1993 1515 Sand & Shale 1993 2806 813 Sand & Lime 2806 3809 1003 Sand & Shale 3809 1795 986 Sand, Shale & Lime 14795 14870 75 Lime 14870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5459 5601 112 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale	- 0-		1.78	J ₁ 78	Sa	nd			
1993 2806 813 Sand & Lime 2806 3809 1003 Sand & Shale 3809 4795 986 Sand, Shale & Lime 4870 75 Lime Lime 4870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5459 5601 142 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale							hale	in the second of	
3809 1795 986 Sand, Shale & Lime 14795 14870 75 Lime 14870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5159 5601 112 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale		3	2806	813					
4795 4870 75 Lime 4870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5459 5601 142 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale									
4870 5082 212 Lime & Shale 5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5459 5601 142 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale							ale & Lime		
5082 5177 95 Lime, Sand, Shale & Chert 5177 5459 282 Lime & Shale 5459 5601 142 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale							hale		
5177 5459 282 Lime & Shale 5459 5601 142 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale								& Chert	
5459 5601 142 Lime, Shale & Anhydrite 5601 5811 210 Lime & Shale					T		The state of the s	3. 01101.0	
5601 5811 210 Lime & Shale					i i			drite	
									$\mathbb{R}^{\frac{2n}{2}} = \mathbb{R}^{\frac{n}{2}} \mathbb{R}^{\frac{n}{2}} = \mathbb{R}^{\frac{n}{2}} \mathbb{R}^{\frac{n}{2}} = \mathbb{R}^{\frac{n}{2}}$
				84	Li	m e, Sh	ale & Salt		
						en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co			and the second s
				s principality to					
	grand in								
	$\frac{2\pi i}{2} = \frac{\pi}{2} \cdot \epsilon$		100						
	1 1 1 1								
· · · · · · · · · · · · · · · · · · ·							1		4.5

FOLD | MARK

	F	ORMATION R	ECORD—Continued JUN 24 1963
FROM—	то-	TOTAL FEET	FORMATION
Perforated: 12- 4606-4618', and 4232-4240'.	13-62 by Schlu on 1-22-63 McC	mberger with 4 ullough perform	shots per ft, 2 crack jet & 2 reg. jets, from ted with 4 super casing jet shots per ft. from
Acid Job #112-3000#. Pumped 3	13-62 Hallibur	ton spotted MCA	7½% on perfs 4606-4618'. Formation broke at s. per min. @ 2000#. Halliburton sand frac'd
down casing with	28,000# 20-40	sand, 2000# 10	-20 sand & 50,000 gals. of fresh water cut with h water, 30 bbls. overflush. Injection rate
of the bbls. per	min. Max. tre	ating press. 20	00#, minimum 2000#, max. flush press. 2750#. Zacid an perfs 4232-4240'. Broke formation
at 4150#, broke	to 2000#. Hal	Liburton sand	rac'd well with 6000# 20-40 sand and 2000#
overflush. Max.	treating pres	s. 3150#, minim	racken crude oil which equals total 40 bbls. num 2900#. Injection rate 19 bbls. per min.
Instant shut in	2200#•		
LOG TOPS:			kopi2305'-(+Щ37) er2755-(+3987)
DakotaSpud Morrison765'-(~f079\	Her	108832801(+3462)
Summerville 10	10'-(+5732)	Para	dox A5490 (+1252) dox B5763 (+979)
Entrada1055'-(Navajo1200'-(+			Top5880'(+862) 11 Depth5895'(+847)
Kayenta1310'-(Wingate1530'-		ma2#	le Top
Chinle-1745'-(Shinarump2170	4997)		
			om of hole 383.83' Sluth, 36.3 deg. West
Recovered 3 gall	ons of drilling	g mud. Pressur	ed with very slight blow for 4 min. and died. es: IH & FH 842#, 45 min. ICI 415, IF & FF 15#,
30 min. FCI 230#	. bottom hole	temp. 72 deg.	ol opened with good strong blow in 5 gal. bucket
of water. Remai	ned steady thr	oughout test.	Recovered 90' of drilling mud and 102h of salt 1 920, IF hho, 30 min. FCI 830.
DST NO. 33291'	-3319', Hermos	a, Tool open 45	min. Tool opened with a good blow. Increased
of surface in 25	min. Gas flo	very small fl	n 10 min, then started to decrease slowly. Cas ame the size of blow torch. Well dead in 35
FF 85, 30 min FC	I 800. Bottom	hole temp. 80	
DST NO. 4-3817' initial opening.	-3860'-Hermosa then died. N	. Tool open 30 o flow shile to	min. Had a few bubbles in 5 gal. bucket on ol was open. Recovered 90' of drilling mud.
Pressures: IH & temp. 98 deg.	FH 1887#, 30	da. ICI 1070,	IF 28, FF 41, 30 min. FCI 225, Bottom hole
DST NO. 5-4222-	4283', Hermosa	Tool open 1 h	r. Tool opened with very weak blow, increased
choke-increased	to 30 lbs. in	20 min. Remain	in 8 min. Seven lbs. press. on 1/2" surface ed steady the remained of test. Gas flow esti-
mated between 5 15% dark green o	& 10 MCF/day m il. Pressures	x. Recovered: IH & FH 2140	545 of gas & oil cut drilling mud, estimated, 30 min. ICI 1240, IF 55, FF 182, 30 min. FCI
915, bottom hole			1/2 hrs. Opened with fair blow, increased to
good blow. Gas	to surface in	15 min. estimat	ed at 266,000 cubic feet/day. Recieved 160' of min. ICI 1195, IF 56, FF 70, 30 min FCI 872,
bottom hole temp DST NO. 7-4809'	. 103 deg.		hr. Opened with a weak blow, dead in 50 min.
Recovered 100' o	f drilling mud		IH & FH 2395, 30 min ICI & FCI 85, IF & FF 70,
bottom hole temp DST NO. 85050	-5082'-Tool op	en 2 hrs. Open	ed with good blow. Gas to surface in 20 min.
TH 2482, 30 min.	ICI 2085, IF	e FF 42, 30 min	Recovered 100 of drilling fluid. Pressures: FCI 1070, FH 2455, Bottom hole temp. 106 deg.
DST NO. 955941	-5660'-Paradox	Tool open 1	hr. Opened with good blow, gas to surface in ay. Recovered 150° drilling mud; slightly gas
cut. Pressures: temp. 114 deg.	IH & FH 2783	30 min. ICI 5	90, IF & FF 55, 30 min. FCI 915. Bottom hole
nomine with make	•		

drilling fluid. | Pressures: IH & FH 2282, 30 min. ICI 1195, IF 56, FF 70, 30 min FCI 872, bottom hole temp. 103 deg. DST NO. 7-4809 -4870 -Hermosa. Tool open 1 hr. Opened with a weak blow, dead in 50 min. Pressures: IH & FH 2395, 30 min ICI & FCI 85, IF & FF 70. Recovered 100' of drilling mud. bottom hole temp. 109 deg. DST NO. 8--50501-50821-Tool open 2 hrs. Opened with good blow. Gas to surface in 20 min. Gas flow estimated at 250,000 cubic feet/day. Recovered 100: of drilling fluid. Pressures: TH 2482, 30 min. ICI 2085, IF & FF 42, 30 min. FCI 1070, FH 2455, Bottom hole temp. 106 deg. DST NO. 9--5594 -5660 -Paradox. Tool open 1 hr. Opened with good blow, gas to surface in 35 min. Gas estimated at 10,000 cubic feet/day. Recovered 150' drilling mud; slightly gas cut. Pressures: IH & FH 2783, 30 min. ICI 590, IF & FF 55, 30 min. FCI 915. Bottom hole

HISTORY OF OIL OR GAS WELL

16-43094-2

temp. 114 deg.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Core No. 1-4234-4283'-Cut & REC. 49'--'8, Sandstone fine, medium grained, fair poresity, dead show of oil, good odor. 6', Shale, gray, silty. 3', Sandstone same as above. 32', Shale, dark gray, silty.

Core No. 2-4567-4617'-Cut & Rec. 50'. 4', sh, dk, gy, blk, carbaonaceous, badly fractured.
3', Sh, dk, blk, micaceous. 272', sh, dk, gy, blk, sandy. 152', sh, gray, fine, medium grained, subangular, well sorted, arkosic, micaceous, with good gas odor, with saturated appearance from 46012 to 4604', 4604-4606', 4608-46152'.

Core #3--4819-4870'-Cut & Rec. 51'. 37', Ls, gray-tan, fn xln, sucrosic, very colitic, good odor and stain, little pin point porosity and small vugs with black residue. 3', Ls, drk tan, sublithographic, dense, tite. 11', Ls, gray-brn, sublithographic, siliceous and trace of dk braron micaceous shale.

Core #4-5632-5660'-Cut & Rec. 24', 24'-Blk shale, Carbaceous, ealcareous, fossiliferous.

June 20, 1963

Pure Oil Company P. O. Box 1338 Moab, Utah

Attention: District Office Manager

Re: Well No. Big Indian Unit #3
Sec. 10, T. 30 S, R. 25 E.,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK RECORDS CLERK

cnp

Encl. (Forms)

ITED STATES

Form approved. Budget Bureau No. 42-R1

**	~~~~		.,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•
		-	AND 100		-
Selt	I Alex	7772.北.	12. I	mm	23
	T000-27-43		100	vivo	76

DEPA	RINGNI OF THE INTERIO	OR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
· ·	GEOLOGICAL SURVEY		Salt Lake USA SL 07005
SUNDRY N	IOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	proposals to drill or to deepen or plug baptication for PERMIT—" for such pro		그 [과 [[과 기 시 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기
1.	PLICATION FOR PERMIT—" for such pro	oposals.)	
OIL GAS			7. UNIT AGREEMENT NAME
WELL WELL OTH	ER		Big Indian
2. NAME OF OPERATOR			8. TARM OR LEASE NAME
Union Cil Company of 3. Address of Operator	f California		Big Indian boit
			9. WELL NO.
P. O. Box 1611 - Car 4. LOCATION OF WELL (Report locat	sper, wyoming 52601 tion clearly and in accordance with any S	Negative and the second	
See also space 17 below.)		state requirements.	10. FIED AND POOL, OR WILDCAT
2300' FSL	and 2300' FWL (M. SW)		Big Indian - Hermosa
	,		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
			- Mains hough driving and a
14. PERMIT NO.	15. ELEVATIONS (Show whether DF,	Pm cm oto)	Sec. 10, 7-305, R-25E
		ni, un, euc.)	12. COUNTY OR PARISH 13. STATE
	GL 6730'; KB 6741'		San Juan Utah
16. Check	 Appropriate Box To Indicate No 	ature of Notice, Report, or	Other Data
	INTENTION TO:		SQUENT REPORT OF:
		·	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	BEPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
(Other)	CHANGE PLANS	(Other)	Its of multiple completion on Well
		Completion or Recon	lts of multiple completion on Well apletion Report and Log form.)
proposed work. If well is di nent to this work.) *	irectionally drilled, give subsurface location	details, and give pertinent dat ons and measured and true vert	es, including estimated date of starting any tical depths for all markers and zones perti-
nent to this work.)			
Propose to test well	l to determine current f.	low rote of oil	
		TAN THIS OF CALL SO	real ein Research
Propose to perforate	additional sones and to	est for production.	
-		graduate distribution	
			그리고장 하네 시간 된 왕씨놓이 나는 네.
			그 일당 2개 - 해졌는 얼굴함 취

AUG 11 (967

W. J. Mansbridge

(This space for Federal or State office use)

TITLE

TITLE Dist. Drilling Supt.

DATE

Form 9-331 (May 1963)

1.

2.

3.

4.

14. PERMIT NO.

DEPARTMENT OF THE INTERIOR

SUBMIT IN TI (Other instruct on reverse side)

Form approved. Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

USA 3L 070052 6. If INDIAN, ALLOTTEE OR TRIBE NAME

12. COUNTY OR PARISH | 13. STATE

Utah

San Juan

GEOLOGICAL SURVEY
SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	The second second		
OIL GAS CONTRACTOR	7. UNIT AGREEMENT NAME		
WELL WELL OTHER NAME OF OPERATOR	8. FARM OR LEASE NAME		
Union Oil Company of California	Big Indian Unit		
P. O. Box 1611 - Casper, Wyoming 82601	3		
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	10. FIELD AND POOL, OR WILDCAT		
2300' FSL and 2300' FWL (NE SW)	Big Indian - Hermosa 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
	Sec. 10, T-309, R-25E		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

GL 6730': KB 6741'

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

NOTICE OF INT	TENTION TO:	SUBSEQU	JENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE	ABANDON*	 SHOOTING OR ACIDIZING	Temp ABANDONMENT*	
REPAIR WELL	CHANGE PLANS	(Other)		
(Other)		(Note: Report results Completion or Recompl	of multiple completion on Well etion Report and Log form.)	

Well temperarily abandoned 6-30-67 as follows:

Set Baker magnesium bridge plug at 4,045', with two sax cement on top; set McCullough aluminum bridge plug at 3,800', with two sax cement on top to 3,785'; set McCullough bridge plug at 3,450' with 2 sax cement on top to 3,435'; set Baker bridge plug at 3,250' with seven sax cement on top to 3,200'. Installed 10" Series 900 x 8-5/8" threaded flange, 8-5/8" x h-1/2" swage, h-1/2" collar, h-1/2" x 2" swage, 2" WKM 2000 psi WCG valve, 2" x 1/2" swage and 1/2" needle valve.

18. I hereby certify that the foregoing is true and correct SIGNED BY SIGNED W. J. Mansbridge	TITLE Dist. Drilling Supt.	DATE August 8, 1967
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

^{17.} DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

DEPARTMENT OF THE INTERIOR (Other instruction of the interior verse stde) GEOLOGICAL SURVEY

CATE*

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt	Lake	USA	BL	07	0052
6. IF IND	IAN, ALL	OTTEE (OR TR	IBE	NAME

REPAIRING WELL ALTERING CASING

ABANDONMENT*

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS	

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	
1. OIL GAS WELL OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Union Cil Company of California	8. FARM OR LEASE NAME Ric Indian Bait
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601	9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2300 FSL and 2300 FWL (MR SW)	Dig Indian - Hormosa 11. SEC., T., R., M., OR BLE. AND SURVEY OR ARBA
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	Sec. 10, T-303, R-258 12. COUNTY OR PARISH 13. STATE
GL 6730*; KB 6741* Check Appropriate Roy To Indicate Nature of Notice Parent of	San Juan Utah
Check Appropriate box to indicate require of restrice, report, of	SEQUENT REPORT OF:

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) To test well 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Propose to test well to determine current flow rate of oil, water and gas.

Propose to perforate additional sones and test for production.

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

18. I hereby cerORIGINAL ISIGNED Bye and correct		
SIGNED W. J. Mansbridge	TITLE Dist. Drilling Supt	. DATE August 8, 1967
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE
V West	- 1 6 3 ha	

1.

Form 9-331 (May 1963)

TED STATES SUBMIT IN TO COMMENT OF THE INTERIOR (Other instruct) (Other i

CATE* on reForm approved. Budget Bureau No. 42-R1424.

in the second

GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO. Salt Lake USA SL 070052 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

	Use APPLICA	110N FOR PERMIT— for such pro	oposais.)	
	OIL GAS OTHER			7. UNIT AGREEMENT NAME Big Indian
2.	NAME OF OPERATOR			8. FARM OR LEASE NAME
. (mion Gil Company of Ca	lifornia		Big Indian Unit
3.	ADDRESS OF OPERATOR			9. WELL NO.
*	. 0. Bex 1611 - Casper	Wyoming 82601		103
4.	LOCATION OF WELL (Report location closee also space 17 below.)	early and in accordance with any	State requirements.*	10. FIELD AND POOL, OR WILDCAT
	At surface			Big Indian - Heraesa
	2300' FSL and	2300' FWL (ME SW)		11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec. 10, 7-308, R-258
14.	PERMIT NO.	15. ELEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
		GL 6730'; KB 6741		San Juan Utah
16.		propriate Box To Indicate N		
	NOTICE OF INTENT	rion to:	SUBSEQ	QUENT REPORT OF:
	TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
	FRACTURE TREAT	AULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CABING
	SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
	REPAIR WELL C	CHANGE PLANS	(Other)	Testing well X
	(Other)		(Note: Report result Completion or Recomp	s of multiple completion on Well pletion Report and Log form.)
			The state of the s	* . *** *** ***

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

ORIGINAL SIGNED BY							
18. I hereby certify that the toregoing is true and correct Mansbridge SIGNED	TITLE _	Dist.	Drilling	Supt.	DÅ	TE August 8	, 1967
(This space for Federal or State office use)							
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE _				DA	TH	

Form 9-331 (May 1963)

DEPARTMENT OF THE INTERIOR (Other instruct

CATE+

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA SL 070052 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUBSEQUENT REPORT OF:

	GEOL	OGICAL SURVEY		
SUNDRY	NOTICES	AND REPORTS	ON	WELLS

NOTICE OF INTENTION TO:

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME GAS WELL WELL OTHER Big Indian NAME OF OPERATOR 8. FARM OR LEASE NAME Union Oil Company of California Big Indian Unit 3. ADDRESS OF OPERATOR 9. WELL NO. F. O. Box 1611 - Casper, Wyoming 82601

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

At surface 10. FIELD AND POOL, OR WILDCAT Big Indian - Hermosa 2300' FSL and 2300' FWL (NE SW) 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-305, R-25E 12. COUNTY OR PARISH 13. STATE 14 PERMIT NO 15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6730'; KB 6741' San Juan 16.

TEST WATER SHIP-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL FRACTURE TREAT MULTIPLE COMPLETE PRACTURE TREATMENT ALTERING CASING SHOOT OR ACIDIZE ABANDON* TORD. SHOOTING OR ACIDIZING ABANDON MENT* REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Propose to temporarily abandon well, after extensive testing (See Subsequent Report of Testing Well dtd. 8-8-67), as follows:

Set Baker Magnesium bridge plug at 1,045 with two sax cement on top; set McCullough aluminum bridge plug at 3,800' with two sex cement on top; set bridge plug at 3,450' with two sax cement on top; set Baker bridge plug at 3,270' with seven sax cement on top. Will fill 5-1/2" casing with fresh water, install 10" Series 900 x 8-5/8" threaded flange, 8-5/8" x 4-1/2" swage, 4-1/2" collar, 4-1/2" x 2" swage, 2" WKM 2000 psi WOG walve, 2" x 1/2" swage and 1/2" needle valve.

18. I hereby certification for the transfer and correct		
SIGNED W. J. Mansbridge	TITLE Dist. Drilling Supt.	DATE August 8. 1967
W. J. Mansbridge		
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE.
CONDITIONS OF APPROVAL, IF ANY:		

BIG INDIAN UNIT #3

WORKOVER

- 6-15-67 8 hrs. Moved Barker Well Service Unit to location and rig up.
- 6-16-67 11 hrs. Bled csg. pressure to zero. SITP 1200 psig. Blew down tubing to pit, pressure decreased to 220 psig in 25 min. Unloaded some SW. Pumped 40 bbl. fresh water down tubing. Tubing on vac. Removed tree and installed BOP's. Started POH and well unloaded through tubing. Loaded hole w/fresh water. Finish POH w/2-7/8" OD tubing and Baker Model "R" packer. McCullough ran cement bond log. Fair to good bond to 4350'. Bonding fair to poor from 4350' to 3750'. 3750' to 3660' bonding is poor. No bonding above 3660'. Set Baker Mag. BP w/top at 4045'.
- 6-17-67 10 hrs. RU and RIH w/2-7/8" OD tubing and Baker Model "R" packer w/6' sub below packer. Bottom of tubing at 4022'. Swab would not go below 183'. Thin coat of hard paraffin in tubing. Hot oil unit not available in PM. Finished Xmas tree repairs.
- 6-18-67 10 hrs. Hay Hot Oil Service moved 47 bbls McCracken crude from Lisbon. Heated and pumped 33 BO down tubing at 225-250°F. Swabbed hole down. Laid down 16 jts 2-7/8" OD tubing. Removed BOP's. Set "R" packer w/top at 3747' KB and bottom of tubing at 3761'. Installed tree. "R" packer has a 2" mandrel. McCullough perforated through tubing w/1-11/16" OD Mac Jet from 3860-3878' w/4 hpf. Slight blow on tubing. That bled to zero immediately. 30" SITP 4 psi. 60" SITP 6 psi. Opened choke and pressure bled to zero immediately. No flamable gas.
- 6-19-67 11 hrs. 14-1/2 hr SITP 3 psi. Gas would burn. Found fluid level at 1200' KB. First pull of swab had approximately 1/8 bb1 McCracken crude on top. Second swab pull was all SW. Removed tree. POH with tubing and packer. RIH w/Halliburton RTTS packer and 2-7/8" tubing. Set RTTS at 3789' and Halliburton squeezed perfs 3860-3878' using 75 sks 50-50 pozmix w/2% Bent. and 0.6# Halad 9. Final squeeze press. was 3800 psi. Approximately 60 sks cement in formation. WOC at 4 P.M. POH w/tubing and packer.
- 6-20-67 10 hrs. Picked up $6-3\frac{1}{2}$ " DC's and 4-3/4" W7R bit. RIH and drilled firm cement from 3789' to 3909' (120') and 2' cement stringers.
- 6-21-67 10 hrs. O coment stringers to approximately 3950'. RIH to top of BP at 4050'. Circulate hole clean. POH w/tubing and laid down DC's. RIH w/1-6' sub, Baker "R" packer and 2-7/8" tubing. Set packer at 3804' and press up on tubing to 2100 psi. Squeeze job held. RIH w/tubing to 4022'. Swabbed hole to approximately 3850'.

- 6-22-67 12 hrs. No fluid entry overnight. Squeeze job OK. Swabbing from top of packer, finished swabbing hole down. Laid down 9 jts 2-7/8"

 OD tubing and set packer at 3747' and bottom of 6' sub at 3759'. Installed tree. McCullough perforated 3992-4000' w/4 hpf using 1-11/16"

 OD Mac Jets. Very small blow on tubing. In 2 hrs there was no show of gas or fluid entry dry. McCullough perforated 3969-3976' w/4 hpf using 1-11/16" OD Mac Jets. Top 4' didn't fire. No blow on tubing. Perforated 3965' to 3969' w/4 hpf. No blow on tubing and no fluid entry after 1½ hr. Wait 2 hrs on more jet charges. No blow on tubing. McCullough perforated 3837' to 3854'. SD.
- 6-23-67 11 hrs. Small blow on tubing that bled to zero immediately. Found fluid in tubing. Ran swab to top of packer at 3747' and POH recovering 1370' SW. Fluid level was at 2380 KB. POH w/tubing and packer. McCullough dumped 2 sks cement on BP at 4045'. Fluid level at 3070' KB. Set McCullough Alum. BP at 3800' and dumped 2 sks cement on top of plug. PBTD 3785'. McCullough perforated 3612'-3613' w/4 holes using bullet gun. Loaded hole w/water and installed tree. Using rig pump started pumping down csg. Pressure rose to 800 psi and broke to 500 psi. Had blow on casing annulus. Pumped 120 BW at 2 3 BPM without est. circ.
- 10 hrs. Removed tree. RIH w/2-7/8" OD tubing and Halliburton "DM" tool. Hole not full. Set DM tool at 3545'. Loaded hole w/water. Halliburton injected 15 BW into perfs 3612-13' at 1200 to 1300 psi and 6 BPM. Cemented using 300 sks 50-50 pozmix, 2% gel, 10% salt and 2% Cacl. Approximately 280 sks behind the pipe. WOC at 9:45 A.M. Established returns from 5½"-10-3/4" annulus and lost it after 75 sks cement were mixed. Pumped cement at 6 BPM and 800 to 1500 psi TP. Immediate SD TP was 300 psi. POH w/tubing. Picked up 4-3/4" W7R bit and 6-3½" OD DC's. RIH w/bit to 2100'.
- 6-26-67 10 hrs. Finished GIH w/4-3/4" bit. No cement on top of retainer. Hole full of water. Drilled DM retainer and bit dropped free to 3602'. Finished drilling DM retainer. Drilled cement to 3637'. RIH and tagged bottom. Press. up on csg. using rig pump to 1200 psi. Held OK. Removed drilling head and POH.
- 6-27-67 10 hrs. McCullough ran cement bond log. PBTD 3782'. 100% bond 3614-3586'. Near 100% bond 3354'-3330' and 8-90% bond 3295-3282'. Top of cement bonding at 2920'. RIH w/6' sub, Baker "R-2" packer and 2-7/8" OD tubing to 3780'. Swabbed hole to approximately 3700'. Laid down 19 jts 2-7/8" tubing. Set "R-2" packer at 3227' w/15,000% on packer. Bottom of tubing at 3239'. Installed tree. McCullough perforated 3625-3640' w/4 hpf using 1-11/16" OD Mac Jets. McCullough started POH w/heavy dragging. Stopped with odometer reading at 33'.). Pulled a net 21,000%. No movement. Took strain on line and SD.
- 6-28-67 11 hrs. TP-O. During the night McCullough Wireline truck jumped chocks and skidded to rig. Dropped Western Oil tools. Kinely Wireline cutter cut wireline at packer without dropping "go-devil", left 75'-100' wireline, 1-1-11/16" OD collar locator and Kinley wireline cutter in hole. Removed tree. POH w/tubing and packer.

Didn't recover anything. No gas. No oil. McCullough ran Baker gage ring. Stopped at 3221'. No fluid about this point. Picked up bit, $1-3\frac{1}{2}$ " OD DC and RIH w/2-7/8" tubing. Took 10,000-20,000# on bit w/some spudding to push junk to bottom. Pull swab from 3750' and recovered 50' drilling mud and water, next hr recovered 100' muddy water, next hr recovered 75' of muddy water. No oil. No gas. Started POH.

- 6-29-67 10 hrs. No gas at 7 A.M. Finish POH w/tubing and bit. 5 jts tubing and DC had heavy mud on outside. McCullough set BP at 3450' and dumped 2 sks cement on top of BP. No fluid above 3450'. PBTD 3435'. Laid down excess tubing. RIH w/6' sub, Baker "R-2" packer, and 108 jts 2-7/8" tubing. Set "R" packer at 3194' and bottom of 6' sub at 3206'. Installed tree, McCullough perforated 3300-3324' in 2 runs w/1-11/16" OD Mac Jets. Small blow after 1st gun. Fired 1st gun at 12:23 P.M. and had 5 psi on tubing. 2nd gun fired at 12:55 P.M. and had 10 psi TP. Gas would burn at 1:25 P.M. TSTM. Left well open until 1 A.M. and CI for buildup. 4 P.M. No fluid in hole.
- 6-30-67 11 hrs. 6 hr SITP = 5 psi. Wait on orders until 11 A.M. Well blew to zero psi immediately. Removed tree. POH and laid down tubing and packer. Removed tubing spool. Set Baker BP at 3250' and McCullough dumped 7 sks cement on top of plug. PBTD 3200'. Finished at 5 P.M. 6-30-67. Rigged down and released Barker Well Service at 7 P.M. on 6-30-67.
- 7-1-67 Dumped 75 bbls fresh water in 5½" casing. Installed 10" Series 900 x 8-5/8" thread flange, 8-5/8" x 4½" swage, 4½" collar, 4½" x 2" swage, 2" WKM 2,000 psi W06 valve, 2" x ½" swage and ½" needle valve. Cleaned location. Returned rental equipment and tools to Farmington.

Form 9-331 (May 1963)

TED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TO (Other instructiverse side) ICATE* on reForm approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt	Lake	USA	SL	07	0052	,
	DIAN, ALL					

SUNDRY NOTICES AND REPORTS ON WI

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT..." for such proposals.) 1 7. UNIT AGREEMENT NAME OIL WELL GAS WELL OTHER Big Indian NAME OF OPERATOR 8. FARM OR LEASE NAME Union Oil Company of California Big Indian Unit 9. WELL NO. 3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface 10. FIELD AND POOL, OR WILDCAT Big Indian - Hermosa 2300' FSL and 2300' FWL (NE SW) 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-308, R-258 12. COUNTY OR PARISH 13. STATE 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6730': KB 6741' San Juan 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFE PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL ALTERING CASING MILTIPLE COMPLETE FRACTURE TREAT PRACTURE TREATMENT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING ABANDON MENT Testing well REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

18. 1 hereby certify the the constant of the and correct				
W. J. Mansbridge	TITLE -	Dist.	Drilling Supt.	DATE August 8, 1967
W. J. Manabridge				
(This space for Federal or State office use)	*,			
APPROVED BY	TITLE _			DATE
CONDITIONS OF APPROVAL, IF ANY:				

BIG INDIAN UNIT #3

WORKOVER

- 6-15-67 8 hrs. Moved Barker Well Service Unit to location and rig up.
- 6-16-67 11 hrs. Bled csg. pressure to zero. SITP 1200 psig. Blew down tubing to pit, pressure decreased to 220 psig in 25 min. Unloaded some SW. Pumped 40 bbl. fresh water down tubing. Tubing on vac. Removed tree and installed BOP's. Started POH and well unloaded through tubing. Loaded hole w/fresh water. Finish POH w/2-7/8" OD tubing and Baker Model "R" packer. McCullough ran cement bond log. Fair to good bond to 4350'. Bonding fair to poor from 4350' to 3750'. 3750' to 3660' bonding is poor. No bonding above 3660'. Set Baker Mag. BP w/top at 4045'.
- 6-17-67 10 hrs. RU and RIH w/2-7/8" OD tubing and Baker Model "R" packer w/6' sub below packer. Bottom of tubing at 4022'. Swab would not go below 183'. Thin coat of hard paraffin in tubing. Hot oil unit not available in PM. Finished Xmas tree repairs.
- 6-18-67 10 hrs. Hay Hot Oil Service moved 47 bbls McCracken crude from Lisbon. Heated and pumped 33 BO down tubing at 225-250°F. Swabbed hole down. Laid down 16 jts 2-7/8" OD tubing. Removed BOP's. Set "R" packer w/top at 3747' KB and bottom of tubing at 3761'. Installed tree. "R" packer has a 2" mandrel. McCullough perforated through tubing w/1-11/16" OD Mac Jet from 3860-3878' w/4 hpf. Slight blow on tubing. That bled to zero immediately. 30" SITP 4 psi. 60" SITP 6 psi. Opened choke and pressure bled to zero immediately. No flamable gas.
- 6-19-67 11 hrs. 14-1/2 hr SITP 3 psi. Gas would burn. Found fluid level at 1200' KB. First pull of swab had approximately 1/8 bbl McCracken crude on top. Second swab pull was all SW. Removed tree. POH with tubing and packer. RIH w/Halliburton RTTS packer and 2-7/8" tubing. Set RTTS at 3789' and Halliburton squeezed perfs 3860-3878' using 75 sks 50-50 pozmix w/2% Bent. and 0.6# Halad 9. Final squeeze press. was 3800 psi. Approximately 60 sks cement in formation. WOC at 4 P.M. POH w/tubing and packer.
- 6-20-67 10 hrs. Picked up $6-3\frac{1}{2}$ " DC's and 4-3/4" W7R bit. RIH and drilled firm cement from 3789' to 3909' (120') and 2' cement stringers.
- 6-21-67 10 hrs. CO cement stringers to apprormatery 3950'. RIH to top of BP at 4050'. Circulate hole clean. PGH w/tubing and laid down DC's. RIH w/1-6' sub, Baker "R" packer and 2-7/8" tubing. Set packer at 3804' and press up on tubing to 2100 psi. Squeeze job held. RIH w/tubing to 4022'. Swabbed hole to approximately 3850'.

- 12 hrs. No fluid entry overnight. Squeeze job OK. Swabbing from top of packer, finished swabbing hole down. Laid down 9 jts 2-7/8"

 OD tubing and set packer at 3747' and bottom of 6' sub at 3759'. Installed tree. McCullough perforated 3992-4000' w/4 hpf using 1-11/16"

 OD Mac Jets. Very small blow on tubing. In 2 hrs there was no show of gas or fluid entry dry. McCullough perforated 3969-3976' w/4 hpf using 1-11/16" OD Mac Jets. Top 4' didn't fire. No blow on tubing. Perforated 3965' to 3969' w/4 hpf. No blow on tubing and no fluid entry after 1½ hr. Wait 2 hrs on more jet charges. No blow on tubing. McCullough perforated 3837' to 3854'. SD.
- 6-23-67 11 hrs. Small blow on tubing that bled to zero immediately. Found fluid in tubing. Ran swab to top of packer at 3747' and POH recovering 1370' SW. Fluid level was at 2380 KB. POH w/tubing and packer. McCullough dumped 2 sks cement on BP at 4045'. Fluid level at 3070' KB. Set McCullough Alum. BP at 3800' and dumped 2 sks cement on top of plug. PBTD 3785'. McCullough perforated 3612'-3613' w/4 holes using bullet gun. Loaded hole w/water and installed tree. Using rig pump started pumping down csg. Pressure rose to 800 psi and broke to 500 psi. Had blow on casing annulus. Pumped 120 BW at 2 3 BPM without est. circ.
- 10 hrs. Removed tree. RIH w/2-7/8" OD tubing and Halliburton "DM" tool. Hole not full. Set DM tool at 3545'. Loaded hole w/water. Halliburton injected 15 BW into perfs 3612-13' at 1200 to 1300 psi and 6 BPM. Cemented using 300 sks 50-50 pozmix, 2% gel, 10% salt and 2% Cacl. Approximately 280 sks behind the pipe. WOC at 9:45 A.M. Established returns from 5½"-10-3/4" annulus and lost it after 75 sks cement were mixed. Pumped cement at 6 BPM and 800 to 1500 psi TP. Immediate SD TP was 300 psi. POH w/tubing. Picked up 4-3/4" W7R bit and 6-3½" OD DC's. RIH w/bit to 2100'.
- 6-26-67 10 hrs. Finished GIH w/4-3/4" bit. No cement on top of retainer. Hole full of water. Drilled DM retainer and bit dropped free to 3602'. Finished drilling DM retainer. Drilled cement to 3637'. RIH and tagged bottom. Press. up on csg. using rig pump to 1200 psi. Held OK. Removed drilling head and POH.
- 6-27-67 10 hrs. McCullough ran cement bond log. PBTD 3782'. 100% bond 3614-3586'. Near 100% bond 3354'-3330' and 8-90% bond 3295-3282'. Top of cement bonding at 2920'. RIH w/6' sub, Baker "R-2" packer and 2-7/8" OD tubing to 3780'. Swabbed hole to approximately 3700'. Laid down 19 jts 2-7/8" tubing. Set "R-2" packer at 3227' w/15,000# on packer. Bottom of tubing at 3239'. Installed tree. McCullough perforated 3625-3640' w/4 hpf using 1-11/16" OD Mac Jets. McCullough started and 1.eavy dragging. Stopped with odometer reading at 3345'. Pulled a net 21,000#. No movement. Took strain on line and SD.
- 6-28-67 Il hrs. TP-O. During the night McCullough Wireline truck jumped chocks and skidded to rig. Dropped Western Oil tools. Kinely Wireline cutter cut wireline at packer without dropping "go-devil", left 75'-100' wireline, 1-1-11/16" OD collar locator and Kinley wireline cutter in hole. Removed tree. POH w/tubing and packer.

Didn't recover anything. No gas. No oil. McCullough ran Baker gage ring. Stopped at 3221'. No fluid about this point. Picked up bit, $1-3\frac{1}{2}$ " OD DC and RIH w/2-7/8" tubing. Took 10,000-20,000# on bit w/some spudding to push junk to bottom. Pull swab from 3750' and recovered 50' drilling mud and water, next hr recovered 100' muddy water, next hr recovered 75' of muddy water. No oil. No gas. Started POH.

- 6-29-67 10 hrs. No gas at 7 A.M. Finish POH w/tubing and bit. 5 jts tubing and DC had heavy mud on outside. McCullough set BP at 3450' and dumped 2 sks cement on top of BP. No fluid above 3450'. PBTD 3435'. Laid down excess tubing. RIH w/6' sub, Baker "R-2" packer, and 108 jts 2-7/8" tubing. Set "R" packer at 3194' and bottom of 6' sub at 3206'. Installed tree, McCullough perforated 3300-3324' in 2 runs w/1-11/16" OD Mac Jets. Small blow after 1st gun. Fired 1st gun at 12:23 P.M. and had 5 psi on tubing. 2nd gun fired at 12:55 P.M. and had 10 psi TP. Gas would burn at 1:25 P.M. TSTM. Left well open until 1 A.M. and CI for buildup. 4 P.M. No fluid in hole.
- 6-30-67 11 hrs. 6 hr SITP = 5 psi. Wait on orders until 11 A.M. Well blew to zero psi immediately. Removed tree. POH and laid down tubing and packer. Removed tubing spool. Set Baker BP at 3250' and McCullough dumped 7 sks cement on top of plug. PBTD 3200'. Finished at 5 P.M. 6-30-67. Rigged down and released Barker Well Service at 7 P.M. on 6-30-67.
- 7-1-67 Dumped 75 bbls fresh water in 5½" casing. Installed 10" Series 900 x 8-5/8" thread flange, 8-5/8" x 4½" swage, 4½" collar, 4½" x 2" swage, 2" WKM 2,000 psi W06 valve, 2" x ½" swage and ½" needle valve. Cleaned location. Returned rental equipment and tools to Farmington.

GEOLOGICAL SURVEY

ICATE®

Form approved.
Budget Bureau No. 42-R1424.
LEASE DESIGNATION AND SERIAL NO.

S	a1	t	Lal	ce	USA	. S	L	07	005	
6.	IF	INI	MAN,	AL	LOTTER	OR	TE	IBE	NAME	;
							•			

SUNDRY NOTICES AND REPO (Do not use this form for proposals to drill or to deepen of Use "APPLICATION FOR PERMIT—" for	r plug back to a different reservoir.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1.		7. UNIT AGREEMENT NAME
WELL GAS OTHER NONCOMMErcial Ga	s Well	Big Indian
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
Union Oil Company of California		Big Indian Unit
3. ADDRESS OF OPERATOR		9. WELL NO.
P. O. Box 2620 - Casper, Wyoming	82601	3
4. LOCATION OF WELL (Report location clearly and in accordance w See also space 17 below.)	ith any State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface		Big Indian Hermosa
2300' FSL & 2300 FWL (NE SW	·	11. SEC., T., R., M., OR BLK, AND
· · · · · · · · · · · · · · · · · · ·	'	SURVEY OR AREA
·	•	Sec. 10, T.30S.,R.25E.
14. PERMIT NO. 15. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	12. COUNTY OF PARISH 13. STATE
6730' G.L.;	6741' K.B.	San Juan Utah
16. Chada A annual Dan Ta Ladi		
Check Appropriate Box to Indi	cate Nature of Notice, Report, or O	ther Data
NOTICE OF INTENTION TO:	SUBSEQUE	ENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING	ABANDON MENT*
REPAIR WELL CHANGE PLANS	(Other)	ABANDON MENT
(Other)		of multiple completion on Well tion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all proposed work. If well is directionally drilled, give subsurfanent to this work.) *	pertinent details, and give pertinent dates, ince locations and measured and true vertical	including estimated date of starting any depths for all markers and zones perti-
It is proposed to load 5-1/2" casing value 2500'. Pull and salvage casing. Spo	t plugs in 8-3/4" hole as	casing at approximately follows:
100' cement plug across 5-1		
100' cement plug in top of	Chinle (1850-1950')	
100' cement plug in top of 1		
100' cement plug across bott	om of 10-3/4" surface casi	ng (450-550')
W/15 sacks cement plug at s	urface with marker. 🗸	
out of Polash Designates	APPROVED	BY DIVISION OF
o o o o o o o o o o o o o o o o o o o	OIL & GAS	CONSERVATION
		CONSERVALION
	DATE 2-1	
	DATE	
	py // /	
	DI	The same of the sa
18. I hereby certify that the foregoing is true and correct		
	District Dellis C	a
R. G. Ladd, Jr.	<u>District Drilling Supt</u>	· DATE 2-8-74
(This space for Federal or State office use)		
· · · · · · · · · · · · · · · · · · ·		
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:		DATE

Budget Bureau No. 42-R1424.
LEASE DESIGNATION AND SERIAL NO.

DELAKTIMENT OF 1	HE INTERIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
GEOLOGICAL	SURVEY	Salt Lake USA SL 070052
(Do not use this form for proposals to drill or to Use "APPLICATION FOR PERM	REPORTS ON WELLS deepen or plug back to a different reservoir. 11T—" for such proposais.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
i. OIL GAS WELL OTHER NONCOMMERCI	al Gas Well	7. UNIT AGREEMENT NAME Big Indian
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
Union Oil Company of Califor 3. ADDRESS OF OPERATOR	nia	Big Indian Unit 9. WELL NO.
P. O. Box 2620 - Casper, Wyo	ming 82601	3
 LOCATION OF WELL (Report location clearly and in acco See also space 17 below.) 	rdance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface		Big Indian Hermosa
2300' FSL & 2300'FWL (N	E SW)	11. SEC., T., R., M., OR BLK. AND SUBVEY OR AREA
14. PERMIT NO. 15 PLEVATIONS	(Show whether DF, RT, GR, etc.)	Sec. 10, T.30S., R.25E.
207 #2577210713	0' G.L.; 6741' K.B.	12. COUNTY OR PARISH 13. STATE
		San Juan Utah
10. Check Appropriate Box	To Indicate Nature of Notice, Report, or Of	ther Data
NOTICE OF INTENTION TO:	SUBSEQUE	NT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CAS	SING WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLET	FRACTURE TREATMENT	ALTERING CASING
SHOOT GR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT* X
REPAIR WELL CHANGE PLANS	(Other)	
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly s proposed work. If well is directionally drilled give	Completion or Recomplet	f multiple completion on Well tion Report and Log form.)
pulled 5000# wt. above wt. of	5-1/2" casing 70% free at 719'. casing and P.O.O.H. with 5-1/2" mud and spotted cemented plugs	casing. Ran tubing
Plug #1: Plug #2:		
Plug #3:		
	J SA Cement - 25 - Surface	
Welded plate on 10-3/4" casing abandoned 2-17-74.	and installed dry hole marker.	Well plugged and
8. I hereby certify that the foregoing is true and correct		
SIGNED SA Zaild J. R. G. Ladd.	TITLE District Drilling Supt.	DATE 2-18-74
(This space for Federal or State office use)	- Vi-	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE